

DEAR USERS,

we are pleased to present a new catalogue, which was carefully prepared and adapted to cover areas of project work and construction industry. The catalog contains a selection of frequent system solutions that we have designed from a wide range of KANSAI HELIOS Group products. You can find products that are result of knowledge in the coating industry, which has been developed in KANSAI HELIOS Group for more than 100 years. Today in Helios, more than 2.320 people make sure that you, our customers around the world, are satisfied with both the products and our solutions and support.

KANSAI HELIOS is one of the largest coating groups in the European market, so we can offer our customers numerous customized products and solutions. The complete offer includes segments of decorative, wood, metal, car refinishing and road coatings, as well as products for the chemical industry and synthetic resins. In 2017 HELIOS Group became a member of the global coatings group Kansai Paint. As part of one of the world's leading paint and coating manufacturers, KANSAI HELIOS is becoming a European center for innovation, research and development, production and distribution. In addition to this, we are introducing principles of sustainable development and care for the environment in all areas of our development and operation. This means that we are also developing new products and solutions in order to reduce our consumption of resources and carbon footprint. All companies in KANSAI HELIOS Group operate in accordance with the highest environmental, industrial and safety standards.

Dear users, we invite you to look through our catalogue and contact our experts, who will offer you the most appropriate solutions for your project with their useful advice and experience. Our successful cooperation and your ultimate satisfaction is what we all strive for in Helios and what will make us truly proud.

Sincerely,
KANSAI HELIOS Team

1 INTERIOR WALLS

1.1	Painting interior wall surfaces	7
1.2	Paints and coatings for special purposes	15
1.2.1	Paints for concrete surfaces	15
1.2.2	Renovation due to mould	21
1.2.3	Other paints and coatings for special purposes	29
1.3	Decorative techniques	39
	Technical information	47

2 FACADES

2.1	Thermal insulation facade systems (TIS)	51
	Technical information	52
2.2	Facade paints	65
2.3	Paints for concrete	71
2.4	Facade renovation (old buildings, facades)	75

3 FLOOR SURFACES

3.1	Industrial flooring (EP, PU, PAS)	85
3.2	Microcement systems	95
3.3	Parquet systems	101
	Technical information	112
3.4	Oils for parquet	115
3.5	Oils for terrace	115
3.6	Adhesives for floor coverings	119

4 METAL PROTECTION

4.1.1	Metal protection (iron, steel)	125
4.1.2	Special coatings	133
4.1.3	Protection for radiators and pipes	141
	Technical information	144
4.2	Industrial metal protection	147
4.2.1	Liquid protective coatings	149
4.2.2	Powder coatings	163
	Technical information	169

5 WOOD PROTECTION

5.1.1	Wood protection (enamels)	173
5.1.2	Wood protection (transparent coatings)	181
5.2	Industrial Wood protection	188
5.2.1	Wood protection (enamels)	191
5.2.2	Wood protection (transparent coatings)	191
5.2.3	Wood protection (oils)	191
	Technical information	195

6 WATERPROOFING

6.1	Waterproofing for flat roofs	199
6.2	Waterproofing mortars and coatings	205

7 SEALING & BONDING

7.1	Adhesives and sealants	211
7.2	PUR foams	215
7.3	Adhesives	219
	Technical information	221

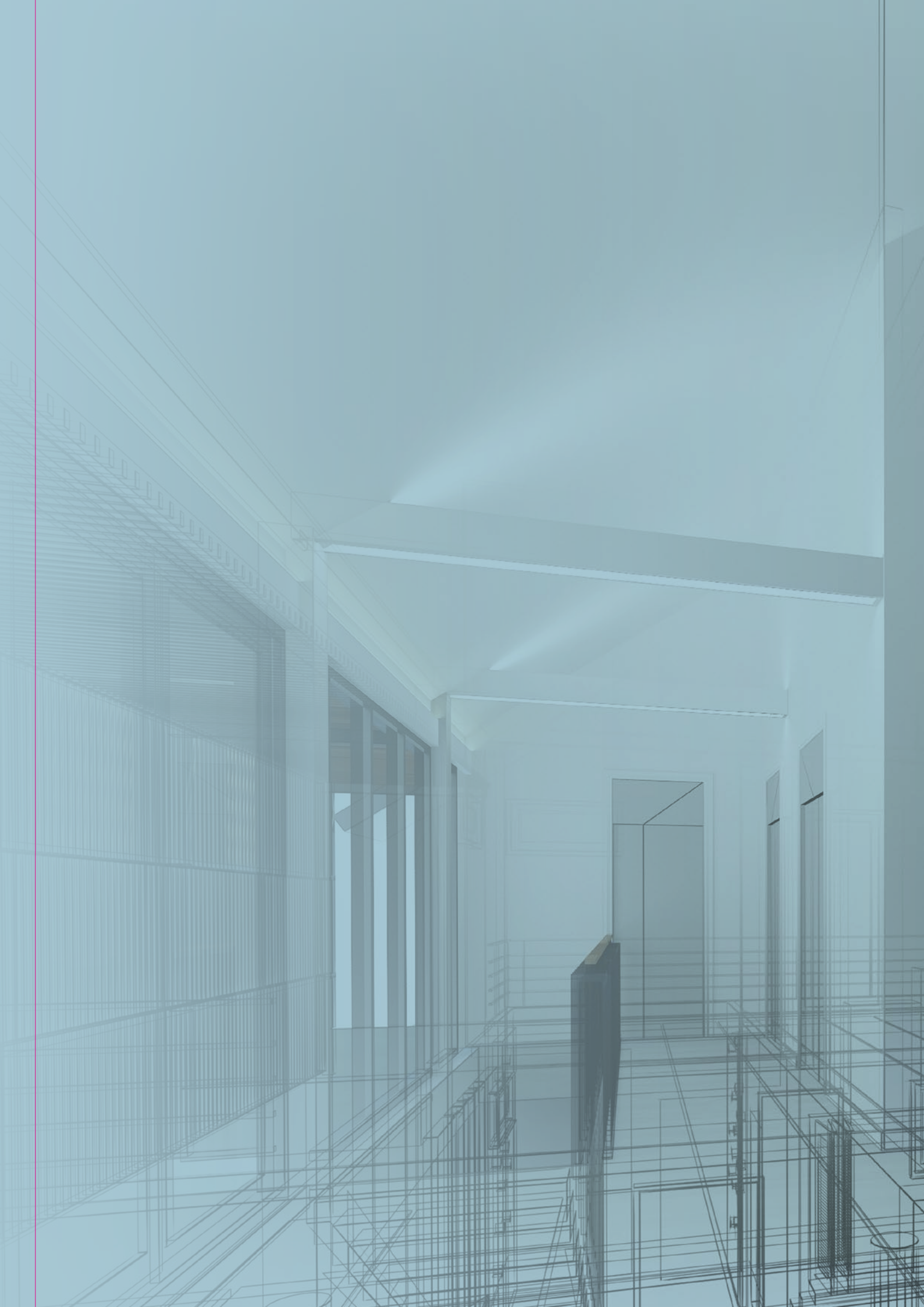
8 ROAD MARKINGS

8.1	Marking of asphalt roads, parking lots, airports and transport routes	225
8.2	Marking of asphalt cycle paths	225
8.3	Marking of asphalt roads, parking lots, airports, transport routes and decoration of asphalt surfaces	225
8.4	Marking grass surfaces	225

9 OTHER

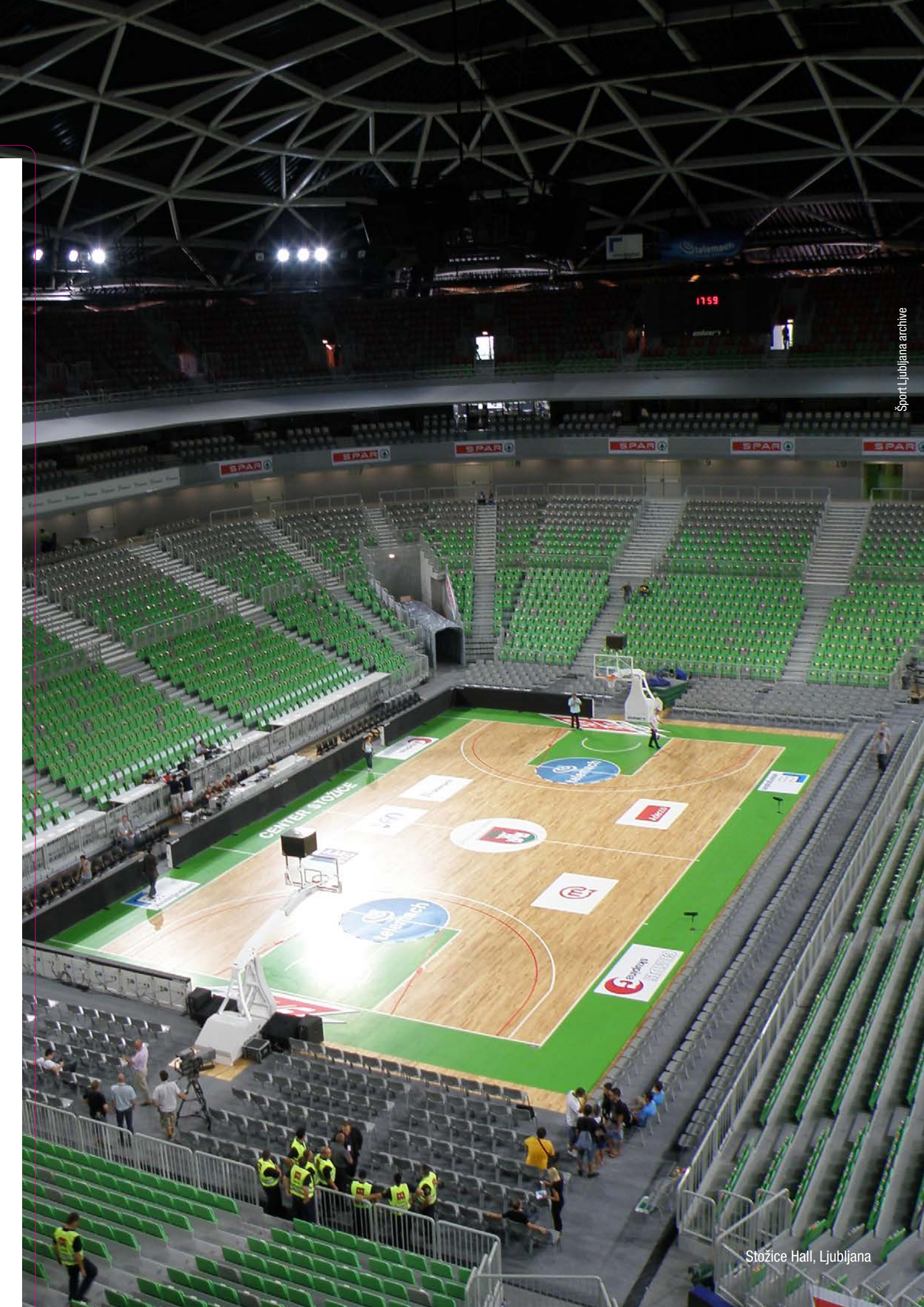
9.1	Renovation of reinforced concrete structures (buildings, bridges, tunnels...)	237
9.2	Painting glass	237

	Wagner spray guide	240
	Review of symbols	244
	Colour cards	247



INTERIOR WALLS

1.1	Painting interior wall surfaces	7
1.2	Paints and coatings for special purposes	15
1.2.1	Paints for concrete surfaces	15
1.2.2	Renovation due to mold	21
1.2.3	Other paints and coatings for special purposes	29
1.3	Decorative techniques	39
	Technical information	47



1.1 PAINTING INTERIOR WALL SURFACES

QUALITY LEVEL	IMPREGNATION	LEVELLING	FINE LEVELLING	TOP COAT
PREMIUM	 <ul style="list-style-type: none"> • SPEKTRA Impregnation Acryl Special • SPEKTRA Impregnation Acryl 	 <ul style="list-style-type: none"> • SPEKTRA Level Medium Light • SPEKTRA Level Medium 	 <ul style="list-style-type: none"> • SPEKTRA Level Fine 	 <ul style="list-style-type: none"> • SPEKTRA Latex Semi-matt • SPEKTRA Latex Matt • SPEKTRA Premium
STANDARD	 <ul style="list-style-type: none"> • SPEKTRA Impregnation Acryl 	 <ul style="list-style-type: none"> • SPEKTRA Level Medium Light • SPEKTRA Level Medium 		 <ul style="list-style-type: none"> • SPEKTRA Extra • SPEKTRA SUPER
ECONOMICAL	 <ul style="list-style-type: none"> • SPEKTRA Impregnation Acryl concentrate • COLOR EMULSION 	 <ul style="list-style-type: none"> • SPEKTRA Level Medium 		 <ul style="list-style-type: none"> • SPEKTRA Classic Plus • SPEKTRA Perfect White • COLOR INTERIOR WALL PAINT
AUXILIARY PRODUCTS		 <ul style="list-style-type: none"> • SPEKTRA Domflok Gloss • SPEKTRA Domflok Semi-matt • SPEKTRA Domflok Matt 	 <ul style="list-style-type: none"> • SPEKTRA Domflok flakes 	 <ul style="list-style-type: none"> • NEOSTIK ACRYL SEALANT

WISE TIPS



If you want to additionally protect SPEKTRA LATEX MATT, you can achieve this with SPEKTRA DOMFLOK varnish, by applying in one layer.

For the final protection of dark shades, we recommend mixing SPEKTRA DOMFLOK VARNISH MATT with 10 – 20% SPEKTRA LATEX MATT, which you used as the base.

Impregnation

SPEKTRA Impregnation Acryl Special

Base coat that does not drip and penetrates deep into the substrate



- easy application without dripping
- evens out and decreases surface permeability
- strengthens poorly bonded old coatings
- improves the adhesion of new coatings



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for impregnation of lime and lime-cement surfaces, old chalked plasters and coatings, plaster cardboard panels and other porous surfaces.
CONSUMPTION:	1 l of impregnation covers 15 – 25 m ² of surface in 1 coat
THINNING:	not to be thinned
PACKAGING UNITS:	2 l / 5 l / 10 l
COLOUR SHADES:	colourless

SPEKTRA Impregnation Acryl

Evens out surface permeability and improves adhesion



- penetrates deeply into the surface
- strengthens poorly bonded and chalked old coatings
- reduces the consumption of top coatings



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for impregnation of lime and lime-cement surfaces, old chalked plasters and coatings, plaster cardboard panels and other porous surfaces, also used as a primer before using the SPEKTRA facade paint.
CONSUMPTION:	1 l of thinned impregnation covers 10 – 12 m ² of surface in 1 coat
THINNING:	with water, in the ratio up to 1 : 3, depending on surface permeability
PACKAGING UNITS:	1 l / 5 l / 10 l
COLOUR SHADES:	colourless

SPEKTRA Impregnation Acryl concentrate

Transparent primer for a high-quality preparation of differently absorbent surfaces prior to the first application of paint or the application of a refreshing coat



- water-soluble
- penetrates deep into the surface
- strengthens poorly bonded and chalked old coatings
- improves the adhesion of new plasters and coatings



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the impregnation of lime and lime-cement surfaces, old chalked plasters and coatings, plaster cardboard panels and other porous surfaces.
CONSUMPTION:	1 l of thinned impregnation covers 10 – 12 m ² of surface in 1 coat
THINNING:	with water, in the ratio up to 1 : 5, depending on surface permeability
PACKAGING UNITS:	1 l / 5 l
COLOUR SHADES:	colourless

COLOR EMULSION

Improves the paintwork effect



- decreases surface absorbency
- improves adhesion of new paint and plaster



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the impregnation of lime and lime-cement surfaces, old chalked plasters and coatings, plaster-cardboard panels and other porous surfaces.
CONSUMPTION:	1 l of thinned impregnation covers 8 – 12 m ² of surface in 1 coat
THINNING:	with water, in the ratio up to 1 : 5, depending on surface permeability
PACKAGING UNITS:	1 l
COLOUR SHADES:	colourless

Levelling

SPEKTRA Level Medium Light

Ready-made light medium-fine levelling compound



- 30% lighter than standard levelling compounds
- ca. 30% more levelled wall surfaces
- less stress on wall surfaces
- suitability for manual and machine application
- levelling up to a thickness of 4 mm in two coats
- suitable for Q1–Q4 treatment of plasterboard
- easy treatment and sanding



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	smoothing interior wall and ceiling surfaces. It has excellent adhesion to all types of mineral surfaces, is elastic and very easy to apply and stretch; due to its high thixotropy, it does not shrivel and fills larger holes and pores perfectly.
CONSUMPTION:	2 coats with a total thickness of 2 mm require 0.9 – 1.3 kg/m ²
THINNING:	with water if necessary
PACKAGING UNITS:	17 kg
COLOUR SHADES:	off-white

SPEKTRA Level Medium

Ready made levelling compound



- leveling up to a thickness of 4 mm
- fills unevenness in concrete and plastered walls with fewer wrinkles
- suitable for manual and machine application
- easy treatment and sanding
- high vapour permeability



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for smoothing interior wall and ceiling surfaces. It has excellent adhesion to all types of mineral surfaces, is elastic and very easy to apply and stretch; due to its high thixotropy, it does not wrinkle and fills larger holes and pores perfectly.
CONSUMPTION:	for a 2 coat application in up to 2 mm thickness, you need 1.5 – 2 kg/m ² . Actual consumption depends on the roughness of the substrate and thickness of the coating.
THINNING:	with water if necessary
PACKAGING UNITS:	25 kg
COLOUR SHADES:	off-white

Fine levelling

SPEKTRA Level Fine

Ready-made levelling compound



- suitable for manual and machine application
- easy treatment and sanding
- high level of vapour permeability



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for smoothing and levelling out interior wall and ceiling surfaces (mineral plasters, concrete, plaster-boards), and for levelling out interior wall paints painted with dispersion paints; highly recommended prior to the application of decorative coatings (SPEKTRA DOM-FLOK) and highly washable dispersion paints (SPEKTRA LATEX). Leveling up to a thickness of 2 mm.

CONSUMPTION: for a 2 coat application in up to 2 mm thickness, you need 1.5 – 2 kg/m². Actual consumption depends on the roughness of the substrate and thickness of the coating.

THINNING: with water if necessary

PACKAGING UNITS: 3.5 kg / 8 kg / 25 kg

COLOUR SHADES: white

Top coat

SPEKTRA Latex Semi-matt

High-quality paint for high-wear surfaces in hospitals and public institutions



- resistant to wet wiping - washability class 1 (EN 13 300)
- easy to clean
- resistance to disinfectants
- resistant to chemicals



INSTRUCTIONS FOR USE

AREA OF APPLICATION: painting and the protection of different types of mineral plasters, fibre-cement plates, concrete, plaster-cardboard plates, wall papers from glass fibres, wall papers with relief and old coatings. It is recommended for use in health institutions and on surfaces subject to frequent cleaning (stairways, schools), where walls are cleaned very often.

CONSUMPTION: 1 l covers 14 – 18 m² of surface in 1 coat

THINNING: with water; max. 10%

PACKAGING UNITS: 2 l / 10 l

COLOUR SHADES: white, HGMIX (pastel shades)



SPEKTRA Latex Matt

High-quality paint for high-wear surfaces and wall decoration



- resistant to wet wiping - washability class 1 (EN 13 300)
- easy to clean
- resistant to chemicals
- over over 10.000 shades - HGMIX



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for painting all types of mineral plasters, fiber-cement panels, concrete, plaster-cardboard panels, wall papers made of glass fibers, paper relief wallpapers and old coatings in hallways, lobbies, staircases (in kindergartens, school, hospitals) and other spaces.

CONSUMPTION: 1 l covers 14 – 18 m² of surface in 1 coat

THINNING: with water; max. 5%

PACKAGING UNITS: 1 l / 2 l / 5 l / 10 l / 15 l (base B1)

COLOUR SHADES: white, HGMIX



SPEKTRA Premium

Resistant to wet wiping



- excellent hiding power
- resistant to wet wiping - washability class 2 (EN 13 300)
- over 10.000 shades - HGMIX
- health- and environmentally friendly



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for painting all types of mineral plasters, fibre-cement panels, concrete, plaster-cardboard panels, wallpapers made of glass fibres, paper relief wallpapers and old coatings.

CONSUMPTION: 1 l covers 10 – 14 m² of surface in 1 coat

THINNING: with water from 5 to 10%

PACKAGING UNITS: white: 15 l
HGMIX: 1 l / 2 l / 5 l / 10 l / 15 l

COLOUR SHADES: white, HGMIX

TINTING: with pigment pastes suitable for water-based paints, up to 3%, and with dispersion paints suitable for tinting.

SPEKTRA Extra

Extreme hiding power wall paint



- excellent hiding power
- matt appearance
- nice, smooth colour film
- resistant to wet wiping - washability class 3 (EN 13 300)
- easy to apply
- high vapour permeability
- health- and environmentally friendly
- over 10.000 shades - HGMIX



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for painting all types of mineral plasters, fibre-cement panels, concrete, plaster-cardboard panels, wall papers made of glass fibres, paper relief wallpapers and old coatings.

CONSUMPTION: 1 l covers 10 – 14 m² of surface in 1 coat

THINNING: with water from 5 to 10%

PACKAGING UNITS: HGMIX: 2 l / 5 l / 10 l / 15 l (B1)

COLOUR SHADES: white, HGMIX

TINTING: with pigment pastes suitable for water-based paints, up to 3%, and with dispersion paints suitable for tinting.

SPEKTRA Super

High level of hiding power, snow white



- coverage possible with one coat only, depending on the surface
- health- and environmentally friendly paint
- suitable for the frequent renovation of wall surfaces
- high level of vapour permeability
- the possibility of application on a previous not yet dry first layer



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for painting all types of mineral plasters, fibre-cement panels, concrete, plaster-cardboard panels, wall papers made of glass fibres, paper relief wallpapers and old coatings.

CONSUMPTION: 1 l covers 8 – 12 m² of surface in 1 coat

THINNING: with water to up to 15%

PACKAGING UNITS: 15 l

TINTING: with pigment pastes suitable for water-based paints, up to 3%, and with dispersion paints suitable for tinting.

COLOUR SHADES: white

SPEKTRA Classic Plus

Extreme hiding power wall paint



- easy to use
- high vapour permeability
- resistant to dry wiping
- extremely matte
- several thousand pastel shades - HG MIX
- suitable for frequent renovation of interior wall and ceiling surfaces



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for painting all types of mineral plasters, fibre-cement panels, concrete, plaster-cardboard panels, wall papers made of glass fibres, paper relief wallpapers and old coatings.
CONSUMPTION:	1 l covers 8 – 12 m ² of surface in 2 coats
THINNING:	with water up to 15%
PACKAGING UNITS:	2 l / 5 l / 10 l / 15 l
COLOUR SHADES:	white, HG MIX
TINTING:	with pigment pastes suitable for water-based paints, up to 3%, and with dispersion paints suitable for tinting; HG MIX: several thousand pastel shades.

SPEKTRA Perfect White

Extremely white, high covering paint



- extremely white film
- extreme opacity
- suitable for frequent renovations of wall surfaces
- resistant to dry wiping - washability class 5 (EN 13 300)
- high vapour permeability



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for painting all types of mineral plasters, fibre-cement panels, concrete, plaster-cardboard panels, wallpapers made of glass fibres, paper relief wall papers and old coatings.
CONSUMPTION:	1 l covers 8 – 12 m ² of surface in 1 coat
THINNING:	with water up to 10%
PACKAGING UNITS:	5 l / 15 l
COLOUR SHADES:	white

COLOR INTERIOR WALL PAINT

Interior coverage wall paint



- health- and environmentally friendly paint
- suitable for a frequent renovation wall surfaces
- easy application
- high vapour permeability
- resistant to dry wiping



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for painting all types of mineral plasters, fibre-cement panels, concrete, plaster-cardboard panels, wallpapers made of glass fibres, paper relief wall papers and old coatings.
CONSUMPTION:	1 l covers 8 – 12 m ² of surface in 1 coat
THINNING:	with water to up to 15%
PACKAGING UNITS:	5 l / 14 l
COLOUR SHADES:	white, HG MIX: pastel shades according to the BASIC colour card

Auxiliary products

SPEKTRA Domflok Gloss

Glossy appearance of the coating



- transparent film
- high level of washability



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for protection of high-wear interior wall surfaces painted with dispersion paints in foyers, hallways, lobbies, staircases (kindergartens, schools, hospitals) and in other rooms.

CONSUMPTION: 1 l covers 6 – 8 m² of surface in 1 coat

THINNING: ready for use

PACKAGING UNITS: 1 l / 2 l

COLOUR SHADES: transparent

SPEKTRA Domflok Semi-matt

Easy to clean with non-abrasive detergents



- silky appearance of the coating
- transparent film
- high level of washability
- high level of washability (EN 13 300 - class 1)



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for protection of high-wear interior wall surfaces painted with dispersion paints in foyers, hallways, lobbies, staircases (kindergartens, schools, hospitals) and in other rooms.

CONSUMPTION: 1 l covers 6 – 8 m² of surface in 1 coat

THINNING: ready for use

PACKAGING UNITS: 0.65 l / 2 l / 15 l

COLOUR SHADES: transparent

SPEKTRA Domflok Matt

High-quality protection of dark shades



- matt appearance of the coating
- transparent film
- high level of washability
- high level of washability (EN 13 300 – class 1)



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for protection of dark colour shades on heavily exposed and dispersion paint covered surfaces on internal walls in foyers, hallways, lobbies, stairways (in kindergartens, schools, hospitals).

CONSUMPTION: 1 l covers 6 – 8 m² of surface in 1 coat

THINNING: ready for use

PACKAGING UNITS: 1 l / 2 l

COLOUR SHADES: transparent

NEOSTIK ACRYL SEALANT

Sealant on an acrylic base



- good workability
- does not change colour
- can be painted
- UV+
- solvent-free



INSTRUCTIONS FOR USE

AREA OF APPLICATION: sealing contacts between walls, plaster panels and concrete elements, and for sealing joints when installing windows and doors. Suitable for repairing and filling cracks in plaster and masonry, for closing joints between shelves and walls, and shutter casings. Excellent adhesion to: concrete, plaster, plaster panels, brick, wood, foam concrete, ceramic tiles, PVC and aluminum.

PACKAGING UNITS: 280 ml

COLOUR SHADES: white

SPEKTRA Domflok flakes

Color flakes for a richer appearance



- component of a multi-coloured decorative system
- numerous colour combinations



INSTRUCTIONS FOR USE

AREA OF APPLICATION: mixing in with SPEKTRA DOMFLOK VARNISH for the decoration of interior wall surfaces in halls, lobbies, waiting rooms, staircases in public and residential buildings.

CONSUMPTION: 50 – 75 g of flakes is sufficient for 1 l of the SPEKTRA DOMFLOK

PACKAGING UNITS: 50 g

COLOUR SHADES: 13 colour shades



1.2 Paints and coatings for special purposes

1.2.1 PAINTS FOR CONCRETE SURFACES

QUALITY LEVEL	IMPREGNATION	LEVELLING	TOP COAT
PREMIUM	 <ul style="list-style-type: none"> • SPEKTRA Impregnation Acryl Special • SPEKTRA Impregnation Acryl 	 <ul style="list-style-type: none"> • SPEKTRA Level Medium Light • SPEKTRA Level Medium 	 <ul style="list-style-type: none"> • SPEKTRA 2K epoxy paint for concrete • SPEKTRA Concrete Protect
STANDARD	 <ul style="list-style-type: none"> • SPEKTRA Impregnation Acryl Special • SPEKTRA Impregnation Acryl 	 <ul style="list-style-type: none"> • SPEKTRA Level Medium Light • SPEKTRA Level Medium 	 <ul style="list-style-type: none"> • SPEKTRA Concrete Protect
ECONOMICAL	 <ul style="list-style-type: none"> • SPEKTRA Impregnation Acryl • SPEKTRA Impregnation Acryl concentrate 		 <ul style="list-style-type: none"> • SPEKTRA Concrete Protect

Impregnation

SPEKTRA Impregnation Acryl Special

Base coat that does not drip and penetrates deep into the substrate



- easy application without dripping
- evens out and decreases surface permeability
- strengthens poorly bonded old coatings
- improves the adhesion of new coatings



SPEKTRA Impregnation Acryl

Evens out surface permeability and improves adhesion



- penetrates deeply into the surface
- strengthens poorly bonded and chalked old coatings
- reduces the consumption of top coatings



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for impregnation of lime and lime-cement surfaces, old chalked plasters and coatings, plaster cardboard panels and other porous surfaces.
CONSUMPTION:	1 l of impregnation covers 15 – 25 m ² of surface in 1 coat
THINNING:	not to be thinned
PACKAGING UNITS:	2 l / 5 l / 10 l
COLOUR SHADES:	colourless

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for impregnation of lime and lime-cement surfaces, old chalked plasters and coatings, plaster cardboard panels and other porous surfaces, also used as a primer before using the SPEKTRA facade paint.
CONSUMPTION:	1 l of thinned impregnation covers 10 – 12 m ² of surface in 1 coat
THINNING:	with water, in the ratio up to 1 : 3, depending on surface permeability
PACKAGING UNITS:	1 l / 5 l / 10 l
COLOUR SHADES:	colourless

SPEKTRA Impregnation Acryl concentrate

Transparent primer for a high-quality preparation of differently absorbent surfaces prior to the first application of paint or the application of a refreshing coat



- water-soluble
- penetrates deep into the surface
- strengthens poorly bonded and chalked old coatings
- improves the adhesion of new plasters and coatings



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the impregnation of lime and lime-cement surfaces, old chalked plasters and coatings, plaster cardboard panels and other porous surfaces.
CONSUMPTION:	1 l of thinned impregnation covers 10 – 12 m ² of surface in 1 coat
THINNING:	with water, in the ratio up to 1 : 5, depending on surface permeability
PACKAGING UNITS:	1 l / 5 l
COLOUR SHADES:	colourless

Levelling

SPEKTRA Level Medium Light

Ready-made light medium-fine levelling compound



- 30% lighter than standard levelling compounds
- ca. 30% more levelled wall surfaces
- less stress on wall surfaces
- suitability for manual and machine application
- levelling up to a thickness of 4 mm in two coats
- suitable for Q1–Q4 treatment of plasterboard
- easy treatment and sanding



INSTRUCTIONS FOR USE

AREA OF APPLICATION: smoothing interior wall and ceiling surfaces. It has excellent adhesion to all types of mineral surfaces, is elastic and very easy to apply and stretch; due to its high thixotropy, it does not shrivel and fills larger holes and pores perfectly.

CONSUMPTION: 2 coats with a total thickness of 2 mm require 0.9 – 1.3 kg/m²

THINNING: with water if necessary

PACKAGING UNITS: 17 kg

COLOUR SHADES: off-white

SPEKTRA Level Medium

Ready made levelling compound



- leveling up to a thickness of 4 mm
- fills unevenness in concrete and plastered walls with fewer wrinkles
- suitable for manual and machine application
- easy treatment and sanding
- high vapour permeability



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for smoothening interior wall and ceiling surfaces. It has excellent adhesion to all types of mineral surfaces, is elastic and very easy to apply and stretch; due to its high thixotropy, it does not wrinkle and fills larger holes and pores perfectly.

CONSUMPTION: for a 2 coat application in up to 2 mm thickness, you need 1.5 – 2 kg/m². Actual consumption depends on the roughness of the substrate and thickness of the coating.

THINNING: with water if necessary

PACKAGING UNITS: 25 kg

COLOUR SHADES: off-white

Top coat

SPEKTRA 2K epoxy paint for concrete

Health- and environmentally friendly two-component epoxy paint



- CO₂ impermeability and resistance to water absorption
- high mechanical and chemical resistance (fuel, motor oils, solvents, acids and bases, cleaning agents)
- low dirt absorption and easy maintenance



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for concrete and other cement floor and wall surfaces in the food industry, laboratories, garages, workshops and warehouses, if the strain does not require the installation of high-resistant industrial floors.

CONSUMPTION: 1 kg covers 6–8 m² of surface in 1 coat

THINNING: option to thin the prepared mixture up to 10%

PACKAGING UNITS: 10 kg, component A / 10 kg component B (mixing ratio 1:1)

COLOUR SHADES: bela, RAL 7040



SPEKTRA Concrete Protect

Protection of concrete surfaces with CO₂ diffusion-resistance



- one-component, water-soluble
- easy to apply
- resistant to water absorption
- good mechanical and chemical resistance
- easy maintenance



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for concrete and other cement and lime-cement floor and wall surfaces – concrete floors in cellars, boiler rooms, base courses, staircases and other exterior concrete surfaces.

CONSUMPTION: 1 l covers 6–8 m² of surface in 1 coat

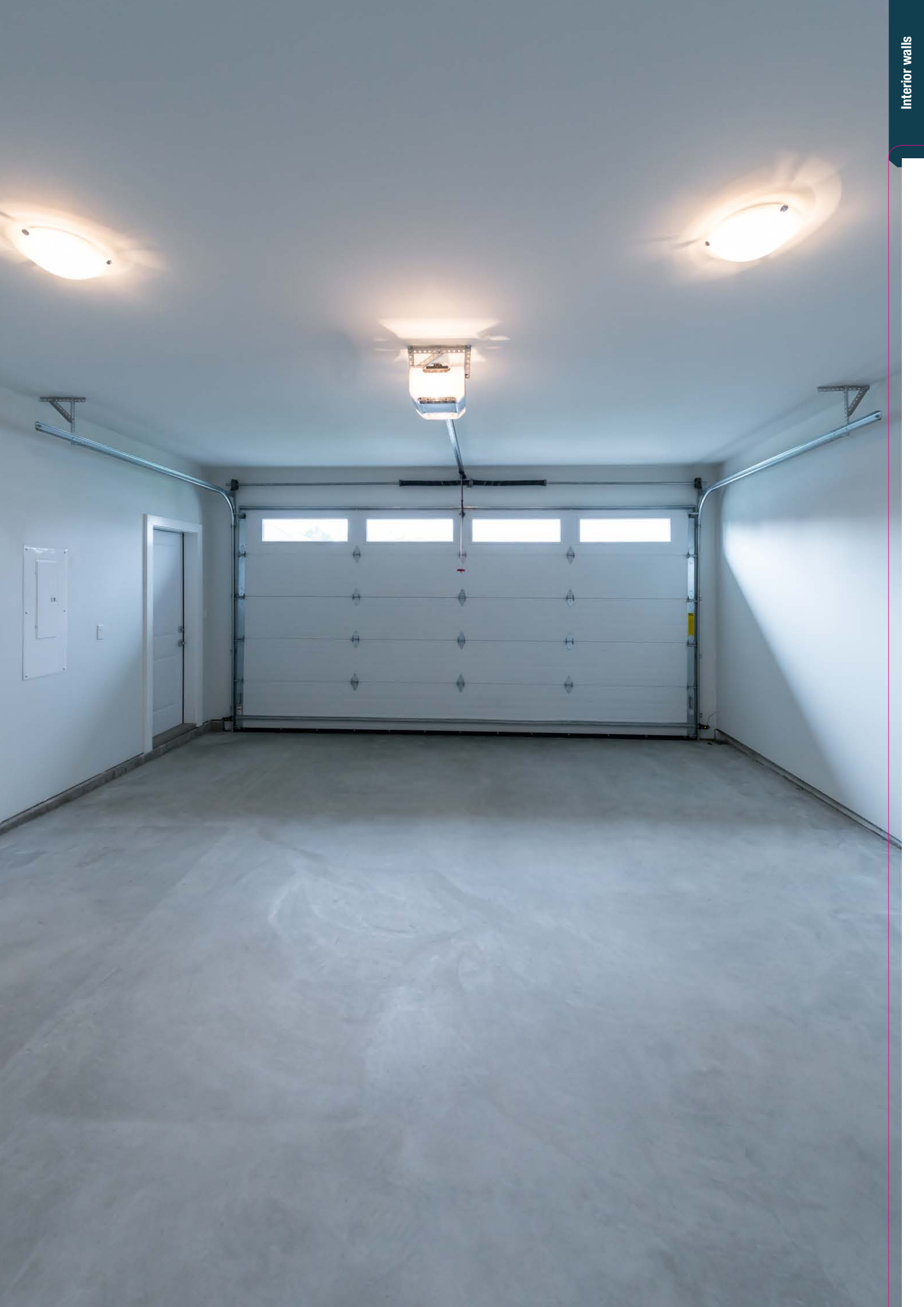
THINNING: with water to up to 5%

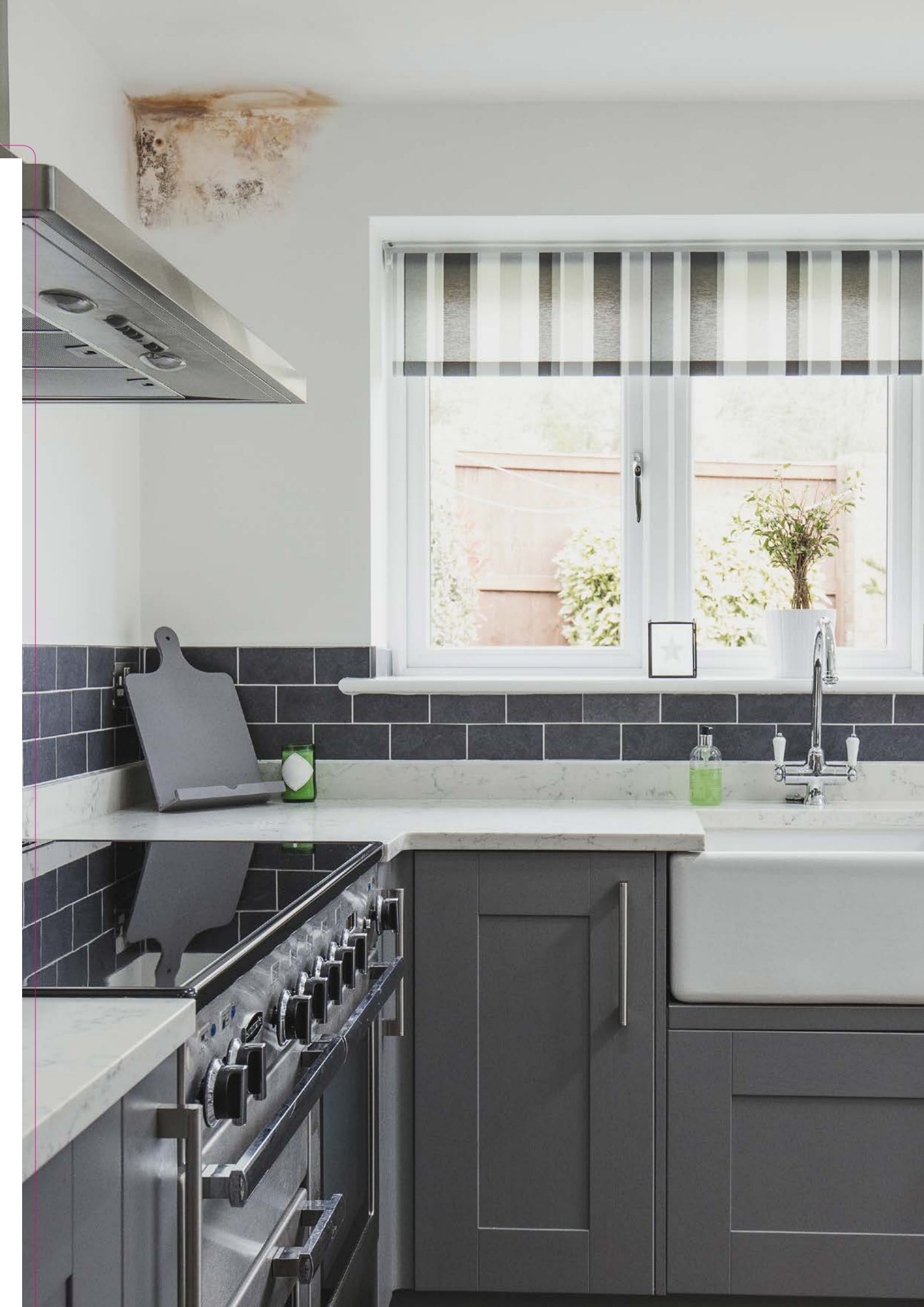
PACKAGING UNITS: 1 l / 2 l

TINTING: mixing of warm colour shades in an optional ratio














COLOUR SHADES: white and 3 standard colour shades







1.2.2 RENOVATION DUE TO MOULD

QUALITY LEVEL	DESTROYING MOULD	IMPREGNATION	SMOOTHING	TOP COAT
PREMIUM	 <ul style="list-style-type: none"> • SPEKTRA SANITOL 	 <ul style="list-style-type: none"> • SPEKTRA Impregnation Acryl Special • SPEKTRA Impregnation Acryl <p>on demand</p>	 <ul style="list-style-type: none"> • SPEKTRA Level Termo • SPEKTRA Level Medium Light <p>on demand</p>	 <ul style="list-style-type: none"> • SPEKTRA Termo Top • SPEKTRA Premium • SPEKTRA ANTIMICROBIAL PAINT
STANDARD	 <ul style="list-style-type: none"> • SPEKTRA SANITOL 	 <ul style="list-style-type: none"> • SPEKTRA Impregnation Acryl Special • SPEKTRA Impregnation Acryl <p>on demand</p>	 <ul style="list-style-type: none"> • SPEKTRA Level Medium Light • SPEKTRA Level Medium 	 <ul style="list-style-type: none"> • SPEKTRA Kitchen & Bathroom • SPEKTRA Extra • SPEKTRA Super
ECONOMICAL	 <ul style="list-style-type: none"> • SPEKTRA SANITOL 	 <ul style="list-style-type: none"> • SPEKTRA Impregnation Acryl <p>on demand</p>		 <ul style="list-style-type: none"> • SPEKTRA Classic Plus • SPEKTRA Perfect White
AUXILIARY PRODUCTS			 <ul style="list-style-type: none"> • SPEKTRA THINNER FOR ANTIMICOTINE PAINT 	 <ul style="list-style-type: none"> • SPEKTRA Anti Mould

WISE TIPS



We recommend adding SPEKTRA Anti Mould to the above mentioned water-based wall paints, as additional mould protection. This is not necessary for SPEKTRA Termo Top, Antimicrobial paint and Kitchen & Bathroom paints, which already contain protection against mould.

Destroying mould

SPEKTRA SANITOL

Quick and effective action



- for interior and exterior wall surfaces
- total elimination of microorganisms due to deep penetration into the substrate



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the restoration of interior and exterior wall surfaces infested by mould and algae (plasters, concrete, fibre cement panels, plaster panels, and wall surfaces painted with dispersion paints).
CONSUMPTION:	1 l of thinned impregnation covers 5 – 10 m ² of surface in 1 coat
THINNING:	not to be thinned
PACKAGING UNITS:	0.5 l
COLOUR SHADES:	transparent, slightly yellowish

SPEKTRA SANITOL concentrate

Quick and effective action



- for interior and exterior wall surfaces
- water-soluble
- total elimination of microorganisms due to deep penetration into the substrate



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the restoration of interior and exterior wall surfaces infested by mould and algae (plasters, concrete, fibre cement panels, plaster panels, and wall surfaces painted with dispersion paints).
CONSUMPTION:	1 l of thinned agent covers 5 – 10 m ² of surface in 1 coat
THINNING:	with water up to 1 : 4
PACKAGING UNITS:	0.5 l / 1 l
COLOUR SHADES:	transparent, slightly yellowish

Impregnation

SPEKTRA Impregnation Acryl Special

Base coat that does not drip and penetrates deep into the substrate



- easy application without dripping
- evens out and decreases surface permeability
- strengthens poorly bonded old coatings
- improves the adhesion of new coatings



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for impregnation of lime and lime-cement surfaces, old chalked plasters and coatings, plaster cardboard panels and other porous surfaces.
CONSUMPTION:	1 l of impregnation covers 15 – 25 m ² of surface in 1 coat
THINNING:	not to be thinned
PACKAGING UNITS:	2 l / 5 l / 10 l
COLOUR SHADES:	colourless

SPEKTRA Impregnation Acryl

Evens out surface permeability and improves adhesion



- penetrates deeply into the surface
- strengthens poorly bonded and chalked old coatings
- reduces the consumption of top coatings



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for impregnation of lime and lime-cement surfaces, old chalked plasters and coatings, plaster cardboard panels and other porous surfaces, also used as a primer before using the SPEKTRA facade paint.
CONSUMPTION:	1 l of thinned impregnation covers 10 – 12 m ² of surface in 1 coat
THINNING:	with water, in the ratio up to 1 : 3, depending on surface permeability
PACKAGING UNITS:	1 l / 5 l / 10 l
COLOUR SHADES:	colourless

Smoothing

SPEKTRA Level Termo

For overcoming thermal bridges



- decreases the cost of heating/cooling energy sources
- prevents the formation of condensation and mould
- creates healthy living conditions
- long-lasting effect
- easy to apply



LIGHT AND IR REFLECTION



BASED ON HOLLOW GLASS FILLERS



INSTRUCTIONS FOR USE

AREA OF APPLICATION: a functional priming coat based on hollow glass spheres which effectively block the loss of heat through internal wall and ceiling surfaces. Most effective in a system with a SPEKTRA Termo top finish. But any interior wall paint from the SPEKTRA brand can be used for the finishing coat.

CONSUMPTION: 1 l/m² required for a 2-coat application

THINNING: not required

PACKAGING UNITS: 5 l / 15 l

COLOUR SHADES: white

SPEKTRA Level Medium Light

Ready-made light medium-fine levelling compound



- 30% lighter than standard levelling compounds
- ca. 30% more levelled wall surfaces
- less stress on wall surfaces
- suitability for manual and machine application
- levelling up to a thickness of 4 mm in two coats
- suitable for Q1–Q4 treatment of plasterboard
- easy treatment and sanding



INSTRUCTIONS FOR USE

AREA OF APPLICATION: smoothing interior wall and ceiling surfaces. It has excellent adhesion to all types of mineral surfaces, is elastic and very easy to apply and stretch; due to its high thixotropy, it does not shrivel and fills larger holes and pores perfectly.

CONSUMPTION: 2 coats with a total thickness of 2 mm require 0.9 – 1.3 kg/m²

THINNING: with water if necessary

PACKAGING UNITS: 17 kg

COLOUR SHADES: off-white

SPEKTRA Level Medium

Ready made levelling compound



- leveling up to a thickness of 4 mm
- fills unevenness in concrete and plastered walls with fewer wrinkles
- suitable for manual and machine application
- easy treatment and sanding
- high vapour permeability



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for smoothing interior wall and ceiling surfaces. It has excellent adhesion to all types of mineral surfaces, is elastic and very easy to apply and stretch; due to its high thixotropy, it does not wrinkle and fills larger holes and pores perfectly.

CONSUMPTION: for a 2 coat application in up to 2 mm thickness, you need 1.5 – 2 kg/m². Actual consumption depends on the roughness of the substrate and thickness of the coating.

THINNING: with water if necessary

PACKAGING UNITS: 25 kg

COLOUR SHADES: off-white

Top coat

SPEKTRA Termo Top

High-coverage, thermal insulation interior wall paint



- contains hollow fillers which form a thermal barrier, thanks to which the surface is warmer and more pleasant to the touch
- saves energy for heating, cooling and lighting spaces
- regulates moisture in the room
- prevents the growth of mould



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for painting all types of mineral plasters, fibre-cement panels, concrete, plaster-cardboard panels, wall papers made of glass fibres, paper relief wallpapers and old coatings.

CONSUMPTION: 1 l covers 6 – 8 m² of wall surface in 1 coat

THINNING: with water to up to 5%

PACKAGING UNITS: 5 l

COLOUR SHADES: white, HG MIX

SPEKTRA Premium

Resistant to wet wiping



- excellent hiding power
- resistant to wet wiping - washability class 2 (EN 13 300)
- over 10.000 shades - HG MIX
- health- and environmentally friendly



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for painting all types of mineral plasters, fibre-cement panels, concrete, plaster-cardboard panels, wallpapers made of glass fibres, paper relief wallpapers and old coatings.

CONSUMPTION: 1 l covers 10 – 14 m² of surface in 1 coat

THINNING: with water from 5 to 10%

PACKAGING UNITS: white: 15 l
HG MIX: 1 l / 2 l / 5 l / 10 l / 15 l

COLOUR SHADES: white, HG MIX

TINTING: with pigment pastes suitable for water-based paints, up to 3%, and with dispersion paints suitable for tinting.

SPEKTRA ANTIMICROBIAL PAINT

Excellent antimicrobial action



- excellent insulation of water-soluble stains
- resistant to wet wiping - washability class 2 (EN 13 300)



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for painting all types of mineral plasters, fibre-cement panels, concrete, plaster-cardboard panels, wall papers made of glass fibres, paper relief wall papers and old coatings in the rooms with an increased danger for the development of mould and algae (food industry and crafts facilities: restaurants, dairies, breweries, bakeries, canteens, etc.).

CONSUMPTION: 1 l covers 8 – 10 m² of surface in 1 coat

THINNING: ready for use

PACKAGING UNITS: 20 l

COLOUR SHADES: white

SPEKTRA Kitchen & Bathroom

Special interior wall paint for rooms where more steam is generated



- biocide protection of film
- prevents the formation of condensation
- prevents mould
- pleasant smell - pine tree
- excellent hiding power
- resistant to dry wiping - washability class 3 (EN 13 300)



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for kitchens, bathrooms, laundry rooms, drying rooms etc., in which increased steam can cause the development of harmful microorganisms.
CONSUMPTION:	1 l covers 8 – 12 m ² of surface in 1 coat
THINNING:	with water to up to 10%
PACKAGING UNITS:	2 l / 5 l
COLOUR SHADES:	white, HGMIX (pastel shades)

SPEKTRA Extra

Extreme hiding power wall paint



- excellent hiding power
- matt appearance
- nice, smooth colour film
- resistant to wet wiping - washability class 3 (EN 13 300)
- easy to apply
- high vapour permeability
- health- and environmentally friendly
- over 10.000 shades - HGMIX



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for painting all types of mineral plasters, fibre-cement panels, concrete, plaster-cardboard panels, wall papers made of glass fibres, paper relief wallpapers and old coatings.
CONSUMPTION:	1 l covers 10 – 14 m ² of surface in 1 coat
THINNING:	with water from 5 to 10%
PACKAGING UNITS:	HGMIX: 2 l / 5 l / 10 l / 15 l (B1)
COLOUR SHADES:	white, HGMIX
TINTING:	with pigment pastes suitable for water-based paints, up to 3%, and with dispersion paints suitable for tinting.

SPEKTRA Super

High level of hiding power, snow white



- coverage possible with one coat only, depending on the surface
- health- and environmentally friendly paint
- suitable for the frequent renovation of wall surfaces
- high level of vapour permeability
- the possibility of application on a previous not yet dry first layer



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for painting all types of mineral plasters, fibre-cement panels, concrete, plaster-cardboard panels, wall papers made of glass fibres, paper relief wallpapers and old coatings.
CONSUMPTION:	1 l covers 8 – 12 m ² of surface in 1 coat
THINNING:	with water to up to 15%
PACKAGING UNITS:	15 l
TINTING:	with pigment pastes suitable for water-based paints, up to 3%, and with dispersion paints suitable for tinting.
COLOUR SHADES:	white

SPEKTRA Classic Plus

Extreme hiding power wall paint



- easy to use
- high vapour permeability
- resistant to dry wiping
- extremely matte
- several thousand pastel shades - HGMIX
- suitable for frequent renovation of interior wall and ceiling surfaces



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for painting all types of mineral plasters, fibre-cement panels, concrete, plaster-cardboard panels, wall papers made of glass fibres, paper relief wallpapers and old coatings.
CONSUMPTION:	1 l covers 8 – 12 m ² of surface in 2 coats
THINNING:	with water up to 15%
PACKAGING UNITS:	2 l / 5 l / 10 l / 15 l
COLOUR SHADES:	white, HGMIX
TINTING:	with pigment pastes suitable for water-based paints, up to 3%, and with dispersion paints suitable for tinting; HGMIX: several thousand pastel shades.

SPEKTRA Perfect White

Extremely white, high covering paint



- extremely white film
- extreme opacity
- suitable for frequent renovations of wall surfaces
- resistant to dry wiping - washability class 5 (EN 13 300)
- high vapour permeability



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	painting all types of mineral plasters, fibre-cement panels, concrete, plaster-cardboard panels, wallpapers made of glass fibres, paper relief wallpapers and old coatings.
CONSUMPTION:	1 l covers 8 – 12 m ² of surface in 1 coat
THINNING:	with water up to 10%
PACKAGING UNITS:	5 l / 15 l
COLOUR SHADES:	white

Auxiliary products

SPEKTRA Anti Mould

Long-term protection of coloured wall surfaces from fungi and algae



- added to dispersion paints of all types
- water-based
- suitable for interior and exterior wall surfaces



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for interior and exterior wall surfaces, which are infested by mould, or as prevention against the growth of mould and algae.
CONSUMPTION:	add 10% of the preparation to the paint
THINNING:	mixing with dispersion paint
PACKAGING UNITS:	1 l
COLOUR SHADES:	white, non-transparent liquid

WISE TIPS



When renovating wall surfaces, it is common to encounter stains that cannot be covered using water-based interior wall paint. Such stains are caused by water spills or seepage, writing and drawing on the walls, spilled food, smoking, heating etc. Such stains share the feature of being soluble in water, which means that during the process of curing, water also brings them to the surface.

SPEKTRA ANTINICOTINE PAINT is made on the basis of resins, dissolved in an odourless solvent, in which the listed stains are not soluble and, consequently, well blocked by the coating. **SPEKTRA ANTINICOTINE PAINT** is distinguished by its excellent penetration into the surface as well as its impregnation capacity, which is why it also offers excellent adhesion onto a variety of surfaces. Due to excellent coverage, it can also be used as the finishing coating.



1.2.3 OTHER PAINTS AND COATINGS FOR SPECIAL PURPOSES

PURPOSE SYSTEM	STEP 1	STEP 2	STEP 3	STEP 4
Active Air Breaks down formaldehyde and cleans the air	 <ul style="list-style-type: none"> • SPEKTRA Impregnation Acryl Special • SPEKTRA Impregnation Acryl 	 <ul style="list-style-type: none"> • Level Medium Light • Level Medium 	(as required)  <ul style="list-style-type: none"> • SPEKTRA Level Fine 	 <ul style="list-style-type: none"> • SPEKTRA Active Air
TermoTop Isolates from the inside	 <ul style="list-style-type: none"> • SPEKTRA Impregnation Acryl Special • SPEKTRA Impregnation Acryl 	 <ul style="list-style-type: none"> • SPEKTRA Level Termo 	(as required)  <ul style="list-style-type: none"> • SPEKTRA Level Fine 	 <ul style="list-style-type: none"> • SPEKTRA Termo Top
Magnetic	 <ul style="list-style-type: none"> • SPEKTRA Impregnation Acryl Special • SPEKTRA Impregnation Acryl 	 <ul style="list-style-type: none"> • SPEKTRA Magnetic 	(as required)  <ul style="list-style-type: none"> • SPEKTRA Level Fine 	 <ul style="list-style-type: none"> • SPEKTRA Latex Matt and SPEKTRA Domflok
Pure & Care Biocide-free interior wall paint	 <ul style="list-style-type: none"> • SPEKTRA Impregnation Acryl Special • SPEKTRA Impregnation Acryl 	(as required)  <ul style="list-style-type: none"> • Level Medium Light • Level Medium 		 <ul style="list-style-type: none"> • SPEKTRA Pure&Care
STAIN BLOCKER Blocks water-soluble stains			 <ul style="list-style-type: none"> • SPEKTRA Stain Block Grund • SPEKTRA ANTINICOTINE PAINT white 	 <ul style="list-style-type: none"> • SPEKTRA Latex Semi-matt • SPEKTRA Latex Matt • SPEKTRA Premium • SPEKTRA Extra
DOMFLOK Additional transparent protection of high traffic areas				 <ul style="list-style-type: none"> • SPEKTRA Domflok (Matt, Semi-matt, Gloss)

Step 1

SPEKTRA Impregnation Acryl Special

Base coat that does not drip and penetrates deep into the substrate



- easy application without dripping
- evens out and decreases surface permeability
- strengthens poorly bonded old coatings
- improves the adhesion of new coatings



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for impregnation of lime and lime-cement surfaces, old chalked plasters and coatings, plaster cardboard panels and other porous surfaces.

CONSUMPTION: 1 l of impregnation covers 15 – 25 m² of surface in 1 coat

THINNING: not to be thinned

PACKAGING UNITS: 2 l / 5 l / 10 l

COLOUR SHADES: colourless

SPEKTRA Impregnation Acryl

Evens out surface permeability and improves adhesion



- penetrates deeply into the surface
- strengthens poorly bonded and chalked old coatings
- reduces the consumption of top coatings



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for impregnation of lime and lime-cement surfaces, old chalked plasters and coatings, plaster cardboard panels and other porous surfaces, also used as a primer before using the SPEKTRA facade paint.

CONSUMPTION: 1 l of thinned impregnation covers 10 – 12 m² of surface in 1 coat

THINNING: with water, in the ratio up to 1 : 3, depending on surface permeability

PACKAGING UNITS: 1 l / 5 l / 10 l

COLOUR SHADES: colourless

Step 2

SPEKTRA Level Medium Light

Ready-made light medium-fine levelling compound



- 30% lighter than standard levelling compounds
- ca. 30% more levelled wall surfaces
- less stress on wall surfaces
- suitability for manual and machine application
- levelling up to a thickness of 4 mm in two coats
- suitable for Q1–Q4 treatment of plasterboard
- easy treatment and sanding



INSTRUCTIONS FOR USE

AREA OF APPLICATION: smoothing interior wall and ceiling surfaces. It has excellent adhesion to all types of mineral surfaces, is elastic and very easy to apply and stretch; due to its high thixotropy, it does not shrivel and fills larger holes and pores perfectly.

CONSUMPTION: 2 coats with a total thickness of 2 mm require 0.9 – 1.3 kg/m²

THINNING: with water if necessary

PACKAGING UNITS: 17 kg

COLOUR SHADES: off-white

SPEKTRA Level Medium

Ready made levelling compound



- leveling up to a thickness of 4 mm
- fills unevenness in concrete and plastered walls with fewer wrinkles
- suitable for manual and machine application
- easy treatment and sanding
- high vapour permeability



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for smoothening interior wall and ceiling surfaces. It has excellent adhesion to all types of mineral surfaces, is elastic and very easy to apply and stretch; due to its high thixotropy, it does not wrinkle and fills larger holes and pores perfectly.

CONSUMPTION: for a 2 coat application in up to 2 mm thickness, you need 1.5 – 2 kg/m². Actual consumption depends on the roughness of the substrate and thickness of the coating.

THINNING: with water if necessary

PACKAGING UNITS: 25 kg

COLOUR SHADES: off-white

SPEKTRA Level Termo

For overcoming thermal bridges



- decreases the cost of heating/cooling energy sources
- prevents the formation of condensation and mould
- creates healthy living conditions
- long-lasting effect
- easy to apply



INSTRUCTIONS FOR USE

AREA OF APPLICATION: a functional priming coat based on hollow glass spheres which effectively block the loss of heat through internal wall and ceiling surfaces. Most effective in a system with a SPEKTRA Termo top finish. But any interior wall paint from the SPEKTRA brand can be used for the finishing coat.

CONSUMPTION: 1 l/m² required for a 2-coat application

THINNING: not required

PACKAGING UNITS: 5 l / 15 l

COLOUR SHADES: white



LIGHT AND IR REFLECTION

BASED ON HOLLOW GLASS FILLERS

SPEKTRA Magnetic

Interior priming wall paint with magnetic characteristics



- contains a special ferromagnetic substance
- enable you to stick magnets directly onto wall surfaces
- enable you to easily attach drawings, posters, messages, notes, etc., without damaging the wall
- creative approach to the creation of a magnetic wall surface



INSTRUCTIONS FOR USE

AREA OF APPLICATION:

all types of impregnated surfaces, such as: interior mineral plasters, fiber-cement panels, concrete, plaster and cardboard panels, and pre-painted wall surfaces in apartments, kindergartens, schools, offices, stores and bars. As the final decorative coating, we recommend using high quality interior wall paint such as SPEKTRA Latex matt/semi-matt, which are resistant to washing and scratching, and enable a wide selection of color shades in the HGMIX mixing system.

CONSUMPTION: with 1 kg and 3 coats, you can cover 1.5 m² of wall surface

THINNING: not to be thinned

PACKAGING UNITS: 2 kg / 5 kg

COLOUR SHADES: RAL 7024

Step 3

SPEKTRA Level Fine

Ready-made levelling compound



- suitable for manual and machine application
- easy treatment and sanding
- high level of vapour permeability



INSTRUCTIONS FOR USE

AREA OF APPLICATION:

for smoothing and levelling out interior wall and ceiling surfaces (mineral plasters, concrete, plasterboards), and for levelling out interior wall paints painted with dispersion paints; highly recommended prior to the application of decorative coatings (SPEKTRA DOM-FLOK) and highly washable dispersion paints (SPEKTRA LATEX). Leveling up to a thickness of 2 mm.

CONSUMPTION: for a 2 coat application in up to 2 mm thickness, you need 1.5 – 2 kg/m². Actual consumption depends on the roughness of the substrate and thickness of the coating.

THINNING: with water if necessary

PACKAGING UNITS: 3.5 kg / 8 kg / 25 kg

COLOUR SHADES: white

SPEKTRA Stain Block Grund

Semi-transparent water-based stain-blocking primer



- grip on various surfaces
- easy to apply
- health- and environmentally friendly



INSTRUCTIONS FOR USE

AREA OF APPLICATION: blocking of water-soluble stains; excellent blocking of stains caused by nicotine, fire, water leaks, tannin, wine, juices, coffee, colouring pencils etc. and prevents them from re-appearing in the topcoat. Suitable topcoats include any dispersion interior wall paint under the SPEKTRA brand.

CONSUMPTION: 1 l covers up to 30 m² of surface in 1 coat

THINNING: not to be thinned

PACKAGING UNITS: 2 l / 5 l / 10 l

COLOUR SHADES: semi-transparent

SPEKTRA Antinicotine Paint

High-quality paint which covers and isolates stains



- based on non-aromatic solvents
- no aggressive smell
- resistant to wet wiping - washability class 2 (EN 13 300)
- easy to apply



INSTRUCTIONS FOR USE

AREA OF APPLICATION: the decoration and protection of interior wall and ceiling surfaces. Covers and isolates stains resulting from smoking, water leakage, tar, different oils, fire, etc. For painting all types of mineral plasters, fiber-cement panels, concrete, plaster-cardboard panels, wall papers made of glass fibers, paper relief wallpapers and old coatings, hallways, lobbies, staircases (in kindergartens, school, hospitals) and other spaces.

CONSUMPTION: 1l covers 6 – 10 m² of surface in 1 coat

THINNING: ready for use

PACKAGING UNITS: 0.75 l / 2.5 l / 20 l

COLOUR SHADES: white

Step 4

SPEKTRA Active Air

High-quality, technologically innovative interior wall paint



- decomposes up to 98% of harmful formaldehyde in the air within 24 hours of its application
- creates healthy living conditions
- excellent hiding power
- long-lasting effect
- resistant to wet wiping – washability class 1 (EN 13 300)



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the decorative protection of interior wall and ceiling surfaces in apartments and public buildings. Thanks to its extraordinary air-purifying function, it is especially suitable for kindergartens, schools, health institutions, retirement homes and all spaces people frequent or spend a lot of time in.
CONSUMPTION:	1 l covers 14 – 18 m ² of surface in 1 coat
THINNING:	with water; when applying with a roller or a brush up to 10%, when spraying up to 5%
PACKAGING UNITS:	21 / 5 l
COLOUR SHADES:	white, HGMIX

SPEKTRA Termo Top

High-coverage, thermal insulation interior wall paint



- contains hollow fillers which form a thermal barrier, thanks to which the surface is warmer and more pleasant to the touch
- saves energy for heating, cooling and lighting spaces
- regulates moisture in the room
- prevents the growth of mould



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for painting all types of mineral plasters, fibre-cement panels, concrete, plaster-cardboard panels, wall papers made of glass fibres, paper relief wallpapers and old coatings.
CONSUMPTION:	1 l covers 6 – 8 m ² of wall surface in 1 coat
THINNING:	with water to up to 5%
PACKAGING UNITS:	5 l
COLOUR SHADES:	white, HGMIX

SPEKTRA Domflok Gloss

Glossy appearance of the coating



- transparent film
- high level of washability



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for protection of high-wear interior wall surfaces painted with dispersion paints in foyers, hallways, lobbies, staircases (kindergartens, schools, hospitals) and in other rooms.
CONSUMPTION:	1 l covers 6 – 8 m ² of surface in 1 coat
THINNING:	ready for use
PACKAGING UNITS:	1 l / 2 l
COLOUR SHADES:	transparent

SPEKTRA Domflok Semi-matt

Easy to clean with non-abrasive detergents



- silky appearance of the coating
- transparent film
- high level of washability
- high level of washability (EN 13 300 - class 1)



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for protection of high-wear interior wall surfaces painted with dispersion paints in foyers, hallways, lobbies, staircases (kindergartens, schools, hospitals) and in other rooms.
CONSUMPTION:	1 l covers 6 – 8 m ² of surface in 1 coat
THINNING:	ready for use
PACKAGING UNITS:	0.65 l / 2 l / 15 l
COLOUR SHADES:	transparent

SPEKTRA Domflok Matt

High-quality protection of dark shades



- matt appearance of the coating
- transparent film
- high level of washability
- high level of washability (EN 13 300 – class 1)



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for protection of dark colour shades on heavily exposed and dispersion paint covered surfaces on internal walls in foyers, hallways, lobbies, stairways (in kindergartens, schools, hospitals).
CONSUMPTION:	1 l covers 6 – 8 m ² of surface in 1 coat
THINNING:	ready for use
PACKAGING UNITS:	1 l / 2 l
COLOUR SHADES:	transparent

Pure&Care

Biocide-free interior wall paint



- suitable for allergy sufferers
- health- and environmentally friendly
- high coverage
- resistant to wet wiping – washability class 2 (EN 13300)



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	painting all types of mineral plasters, fibre cement panels, concrete, cardboard plasterboard, fiberglass wallpapers, embossed paper wallpaper and old coatings.
CONSUMPTION:	1 l covers 10–14 m ² of surface in 1 coat
THINNING:	with water up to 5%
PACKAGING UNITS:	5 l / 10 l
COLOUR SHADES:	white, HGMIX

SPEKTRA Latex Semi-matt

High-quality paint for high-wear surfaces in hospitals and public institutions



- resistant to wet wiping - washability class 1 (EN 13 300)
- easy to clean
- resistance to disinfectants
- resistant to chemicals



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	painting and the protection of different types of mineral plasters, fibre-cement plates, concrete, plaster-cardboard plates, wall papers from glass fibres, wall papers with relief and old coatings. It is recommended for use in health institutions and on surfaces subject to frequent cleaning (stairways, schools), where walls are cleaned very often.
CONSUMPTION:	1l covers 14 – 18 m ² of surface in 1 coat
THINNING:	with water; max. 10%
PACKAGING UNITS:	2 l / 10 l
COLOUR SHADES:	white, HGMIX (pastel shades)

SPEKTRA Latex Matt

High-quality paint for high-wear surfaces and wall decoration



- resistant to wet wiping - washability class 1 (EN 13 300)
- easy to clean
- resistant to chemicals
- over 10.000 shades - HGMIX



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for painting all types of mineral plasters, fibre-cement panels, concrete, plaster-cardboard panels, wall papers made of glass fibres, paper relief wallpapers and old coatings in hallways, lobbies, staircases (in kindergartens, school, hospitals) and other spaces.
CONSUMPTION:	1l covers 14 – 18 m ² of surface in 1 coat
THINNING:	with water; max. 5%
PACKAGING UNITS:	1 l / 2 l / 5 l / 10 l / 15 l (base B1)
COLOUR SHADES:	white, HGMIX

SPEKTRA Premium

Resistant to wet wiping



- excellent hiding power
- resistant to wet wiping - washability class 2 (EN 13 300)
- over 10.000 shades - HGMIX
- health- and environmentally friendly



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for painting all types of mineral plasters, fibre-cement panels, concrete, plaster-cardboard panels, wallpapers made of glass fibres, paper relief wallpapers and old coatings.

CONSUMPTION: 1l covers 10 – 14 m² of surface in 1 coat

THINNING: with water from 5 to 10%

PACKAGING UNITS: white: 15 l
HGMIX: 1 l / 2 l / 5 l / 10 l / 15 l

COLOUR SHADES: white, HGMIX

TINTING: with pigment pastes suitable for water-based paints, up to 3%, and with dispersion paints suitable for tinting.

SPEKTRA Extra

Extreme hiding power wall paint



- excellent hiding power
- matt appearance
- nice, smooth colour film
- resistant to wet wiping - washability class 3 (EN 13 300)
- easy to apply
- high vapour permeability
- health- and environmentally friendly
- over 10.000 shades - HGMIX



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for painting all types of mineral plasters, fibre-cement panels, concrete, plaster-cardboard panels, wall papers made of glass fibres, paper relief wallpapers and old coatings.

CONSUMPTION: 1l covers 10 – 14 m² of surface in 1 coat

THINNING: with water from 5 to 10%

PACKAGING UNITS: HGMIX: 2 l / 5 l / 10 l / 15 l (B1)

COLOUR SHADES: white, HGMIX

TINTING: with pigment pastes suitable for water-based paints, up to 3%, and with dispersion paints suitable for tinting.



For more information
see the brochure
Decorative techniques



1.3 DECORATIVE TECHNIQUES

TECHNIQUES	STEP 1	STEP 2	STEP 3	STEP 4	STEP 5
DECOR TOPAZ DECOR QUARZ	 • SPEKTRA Impregnation Acryl Special	 • Level Medium Light • Level Medium		 • SPEKTRA Decor Grund	 • SPEKTRA Decor Topaz • SPEKTRA Decor Quarz
BUFFING PAD, SILK, JEANS, SPONGE, DENIM, STONE, DOMFLOK	 • SPEKTRA Impregnation Acryl Special	 • Level Medium Light • Level Medium	 • Level Fine	 • SPEKTRA Latex Matt	 • SPEKTRA Domflok Gloss • SPEKTRA Domflok Semi-matt • SPEKTRA Domflok Matt • SPEKTRA Domflok Pearl
DECOR RUST DECOR COPPER	 • SPEKTRA Impregnation Acryl Special	 • Level Medium Light • Level Medium	 • SPEKTRA Decor Grund	 • SPEKTRA DECOR RUST/COPPER + SPECTRA DECOR ACTIVATOR	 • TESSAROL ACRYLIC VARNISH / ACRYLIC VARNISH SATIN
AUXILIARY PRODUCTS				 • SPEKTRA Decor Grund	 • SPEKTRA Domflok flakes



WISE TIPS

Combining SPEKTRA DOMFLOK and SPEKTRA LATEX MATT enables you to use different decorative techniques. SPEKTRA DECOR grund ensures excellent adhesion of new coatings to smooth, poorly absorbent surfaces.

Step 1

SPEKTRA Impregnation Acryl Special

Base coat that does not drip and penetrates deep into the substrate



- easy application without dripping
- evens out and decreases surfaces permeability
- strengthens poorly bonded old coatings
- improves the adhesion of new coatings



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for impregnation of lime and lime-cement surfaces, old chalked plasters and coatings, plaster cardboard panels and other porous surfaces.
CONSUMPTION:	1 l of impregnation covers 15 – 25 m ² of surface in 1 coat
THINNING:	not to be thinned
PACKAGING UNITS:	2 l / 5 l / 10 l
COLOUR SHADES:	colourless

Step 2

SPEKTRA Level Medium Light

Ready-made light medium-fine levelling compound



- 30% lighter than standard levelling compounds
- ca. 30% more levelled wall surfaces
- less stress on wall surfaces
- suitability for manual and machine application
- levelling up to a thickness of 4 mm in two coats
- suitable for Q1–Q4 treatment of plasterboard
- easy treatment and sanding



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	smoothing interior wall and ceiling surfaces. It has excellent adhesion to all types of mineral surfaces, is elastic and very easy to apply and stretch; due to its high thixotropy, it does not shrivel and fills larger holes and pores perfectly.
CONSUMPTION:	2 coats with a total thickness of 2 mm require 0.9 – 1.3 kg/m ²
THINNING:	with water if necessary
PACKAGING UNITS:	17 kg
COLOUR SHADES:	off-white

SPEKTRA Level Medium

Ready made levelling compound



- leveling up to a thickness of 4 mm
- fills unevenness in concrete and plastered walls with fewer wrinkles
- suitable for manual and machine application
- easy treatment and sanding
- high vapour permeability



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for smoothing interior wall and ceiling surfaces. It has excellent adhesion to all types of mineral surfaces, is elastic and very easy to apply and stretch; due to its high thixotropy, it does not wrinkle and fills larger holes and pores perfectly.
CONSUMPTION:	for a 2 coat application in up to 2 mm thickness, you need 1.5 – 2 kg/m ² . Actual consumption depends on the roughness of the substrate and thickness of the coating.
THINNING:	with water if necessary
PACKAGING UNITS:	25 kg
COLOUR SHADES:	off-white

Step 3

SPEKTRA Level Fine

Ready-made levelling compound



- suitable for manual and machine application
- easy treatment and sanding
- high level of vapour permeability



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for smoothening and levelling out interior wall and ceiling surfaces (mineral plasters, concrete, plasterboards), and for levelling out interior wall paints painted with dispersion paints; highly recommended prior to the application of decorative coatings (SPEKTRA DOM-FLOK) and highly washable dispersion paints (SPEKTRA LATEX). Leveling up to a thickness of 2 mm.

CONSUMPTION: for a 2 coat application in up to 2 mm thickness, you need 1.5 – 2 kg/m². Actual consumption depends on the roughness of the substrate and thickness of the coating.

THINNING: with water if necessary

PACKAGING UNITS: 3.5 kg / 8 kg / 25 kg

COLOUR SHADES: white

Step 4

SPEKTRA Decor Grund

Base coat prior to the application of top decorative coatings



- high level of hiding power
- vapour permeability
- ensures excellent adhesion of new coatings to smooth, poorly absorbent surfaces
- easy to apply
- matt appearance



INSTRUCTIONS FOR USE

AREA OF APPLICATION: used as a pigmented primer for interior and exterior wall surfaces prior to the application of top decorative coatings; suitable also as an independent top coating.

CONSUMPTION: 1 l covers 10 – 12 m² of surface in 1 coat

THINNING: with water from 5 to 10%

PACKAGING UNITS: 2 l / 5 l

COLOUR SHADES: white

SPEKTRA Latex Matt

High-quality paint for high-wear surfaces and wall decoration



- resistant to wet wiping - washability class 1 (EN 13 300)
- easy to clean
- resistant to chemicals
- over 10.000 shades - HGMIX



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for painting all types of mineral plasters, fiber-cement panels, concrete, plaster-cardboard panels, wall papers made of glass fibers, paper relief wallpapers and old coatings in hallways, lobbies, staircases (in kindergartens, school, hospitals) and other spaces.

CONSUMPTION: 1 l covers 14 – 18 m² of surface in 1 coat

THINNING: with water; max. 5%

PACKAGING UNITS: 1 l / 2 l / 5 l / 10 l / 15 l (base B1)

COLOUR SHADES: white, HGMIX

SPEKTRA DECOR RUST/COPPER

Appearance of rusty iron or copper patina



- authentic appearance of rusty iron / copper patina
- various decorative effects
- unique rustic appearance of wall surfaces
- high mechanical resistance



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for the protection and decoration of interior wall surfaces. SPEKTRA DECOR RUST is a water-based primer which, after application of the oxidizing agent SPEKTRA DECOR ACTIVATOR, produces a rusty appearance that is completely similar to iron that rusts due to exposure to natural weather. SPEKTRA DECOR COPPER is a water-based primer which, after application of the oxidizing agent SPEKTRA DECOR ACTIVATOR, produces a copper patina appearance. You can also combine the primers on the same surface to achieve special decorative effects. Mandatory protection of the coating with TESSAROL acrylic varnish satin, to stop the oxidation process.

CONSUMPTION: SPEKTRA DECOR RUST/COPPER: 1 kg covers 10 – 12 m² of surface in 1 coat

SPEKTRA DECOR ACTIVATOR: 1 kg covers 7 – 10 m² of surface in 1 coat

THINNING: SPEKTRA DECOR RUST / COPPER: The product is ready for application

SPEKTRA DECOR ACTIVATOR: Do not thin the product

PACKAGING UNITS: SPEKTRA DECOR RUST / COPPER: 1.5 kg
SPEKTRA DECOR ACTIVATOR: 0.5 kg

COLOUR SHADES: SPEKTRA DECOR RUST / COPPER: black grey
SPEKTRA DECOR ACTIVATOR: blue transparent liquid

Step 5

SPEKTRA Decor Topaz (gold/silver)

An elegant blend of colours with a metallic reflection



- highly decorative metallic reflection effect
- high mechanical resistance
- resistant to dirt absorption
- can be cleaned with water and non-abrasive household detergents



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	decorative protection of interior wall surfaces, especially in high-wear rooms in private and public buildings.
CONSUMPTION:	1 l covers 6–8 m ² of surface in 1 coat
THINNING:	with water 5–10%
PACKAGING UNITS:	1 l / 2 l
COLOUR SHADES:	golden, silver, 28 HGMIX colour shades

SPEKTRA Decor Quarz

Velvety flowing final appearance of the film



- 30 colour shades
- resistance to the effects of weathering and the harmful industrial atmosphere
- high level of water resistance and vapour permeability
- can be cleaned with water and nonabrasive household detergents



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the decoration and protection of interior and exterior wall surfaces; for building new and renovating old – also historically protected facade surfaces.
CONSUMPTION:	1 l covers 5–7 m ² of surface in 1 coat
THINNING:	with water 5–10%
PACKAGING UNITS:	2 l
COLOUR SHADES:	30 HGMIX colour shades

SPEKTRA Domflok Gloss

Glossy appearance of the coating



- transparent film
- high level of washability
- used for different decorative techniques



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for protection of high-wear interior wall surfaces painted with dispersion paints in foyers, hallways, lobbies, staircases (kindergartens, schools, hospitals) and in other rooms.
CONSUMPTION:	1 l covers 6 – 8 m ² of surface in 1 coat
THINNING:	ready for use
PACKAGING UNITS:	11 / 2 l
COLOUR SHADES:	transparent

SPEKTRA Domflok Semi-matt

Easy to clean with non-abrasive detergents



- silky appearance of the coating
- transparent film
- high level of washability
- high level of washability (EN 13 300 - class 1)
- used for different decorative techniques



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for protection of high-wear interior wall surfaces painted with dispersion paints in foyers, hallways, lobbies, staircases (kindergartens, schools, hospitals) and in other rooms.
CONSUMPTION:	1 l covers 6 – 8 m ² of surface in 1 coat
THINNING:	ready for use
PACKAGING UNITS:	0.65 l / 2 l / 15 l
COLOUR SHADES:	transparent

SPEKTRA Domflok Matt

High-quality protection of dark shades



- matt appearance of the coating
- transparent film
- high level of washability
- high level of washability (EN 13 300 – class 1)



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for protection of dark colour shades on heavily exposed and dispersion paint covered surfaces on internal walls in foyers, hallways, lobbies, stairways (in kindergartens, schools, hospitals).
CONSUMPTION:	1 l covers 6 – 8 m ² of surface in 1 coat
THINNING:	ready for use
PACKAGING UNITS:	11 / 2 l
COLOUR SHADES:	transparent

SPEKTRA Domflok Pearl

Silver gloss appearance of the coating



- numerous unique decorative techniques
- silky gloss appearance of coating
- transparent appearance of the film
- high level of washability
- easy to clean with non-abrasive detergents



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for interior wall surfaces in living rooms, foyers, hallways, lobbies, staircases (public facilities, hotels, flats, etc.) and in other rooms, suitable for overcoating high-quality washable dispersion coatings.
CONSUMPTION:	1 l covers 8 (putty knife) – 30 (sponge) m ² of surface in 1 coat
THINNING:	water
PACKAGING UNITS:	1 l / 2 l
TINTING	with pigment pastes suitable for water-based paints, up to 3%
COLOUR SHADES:	silver

TESSAROL ACRYLIC VARNISH (GLOSS/SATIN)

Environmentally friendly, quick-drying transparent coating which does not turn yellow



- no unpleasant odours
- thinning with water
- easy to work with
- resistance to household cleaning agent



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	as a finishing coat in the SPEKTRA DECOR RUST decorative technique.
CONSUMPTION:	1 l covers 8 – 10 m ² of surface in 1 coat
THINNING:	water
PACKAGING UNITS:	0.75 l
COLOUR SHADES:	transparent

Auxiliary products

SPEKTRA Domflok flakes

Livelier appearance of interior wall surfaces



- component of the multi-colored decorative system SPEKTRA Domflok
- numerous colour combinations



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	mixing in with SPEKTRA DOMFLOK for the decoration of interior wall surfaces in halls, lobbies, waiting rooms, staircases in public and residential buildings.
----------------------	---

CONSUMPTION: 50 – 75 g of flakes is sufficient for 1l of the SPEKTRA DOMFLOK

PACKAGING UNITS: 50 g

COLOUR SHADES: 13 colour shades



SPEKTRA Decor Grund

Base coat prior to the application of top decorative coatings



- high level of hiding power
- vapour permeability
- ensures excellent adhesion of new coatings to smooth, poorly absorbent surfaces
- easy to apply
- matt appearance



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	used as a pigmented primer for interior and exterior wall surfaces prior to the application of top decorative coatings; suitable also as an independent top coating.
----------------------	--

CONSUMPTION: 1l covers 10 – 12 m² of surface in 1 coat

THINNING: with water from 5 to 10%

PACKAGING UNITS: 2 l / 5 l

COLOUR SHADES: white

1. INTERIOR WALLS

Impregnation, putties, paints, special coatings

	WASHABILITY (EN 13300)	HIDING POWER (EN 13300)	GLOSS LEVEL	CONSUMPTION (m ² /L coat)	TINTING	VAPOUR PERMEABILITY	CERTIFICATES	PACKAGING UNITS (L)	RESISTANCE TO DISINFECTANTS	VOC CATEGORY AND CONTENT (g/l)	SUITABLE FOR GREEN PUBLIC PROCUREMENTS
SPEKTRA Latex Semi-matt	class 1	class 1	semi-matt	14 – 18	HGMIX*	medium		2 / 10	YES	IIA(a),5	YES
SPEKTRA Latex Matt	class 1	class 1	matt	14 – 18	HGMIX	high		1/2/5/10/15	partial	IIA(a),9	YES
SPEKTRA Premium	class 2	class 2	matt	10 – 14	HGMIX	high		2/5/10/15		IIA(a),9	YES
SPEKTRA Extra	class 3	class 2	matt	10 – 14	HGMIX	high		2/5/10/15		IIA(a), 22	YES
SPEKTRA Super	class 4	class 1	matt	8 – 12	white	high		15		IIA(a),9	YES
SPEKTRA Perfect White	class 5	class 2	matt	8 – 12	extremely white	high		5 / 15		IIA(a), 1	YES
SPEKTRA Classic Plus	class 5	class 3	matt	8 – 12	HGMIX*	high		2/5/10/15		IIA(a), 1	YES
COLOR WALL PAINT	class 5	class 3	matt	8 – 12	HGMIX*	high		5 / 14		IIA(a), 8	YES

PAINTS OR COATINGS FOR SPECIAL PURPOSES

SPEKTRA Active Air	class 1	class 1	matt	14 – 18	HGMIX*	medium		2 / 5	YES	IIA(a),1	YES
SPEKTRA Domflok	class 1	transparent	gloss, semi-matt, matt	6 – 8**	transparent	medium		2 / semi-matt 15	YES	IIA(l), 80	YES
SPEKTRA Pure&Care	class 2	class 2	matt	10 – 14	HGMIX*	high		5 / 10		IIA(a),0	YES
SPEKTRA ANTINICOTINE PAINT white	class 2	class 2	matt	8 – 10	white	medium		0.75/2.5/20		IIA(g), 350	NO
SPEKTRA ANTIMICROBAL PAINT white	class 2	class 2	matt	8 – 10	white	medium		20		IIA(g), 350	NO
SPEKTRA Kitchen&Bathroom	class 3	class 2	matt	8 – 12	white	high		2/5 kg		IIA(a), 9	YES
SPEKTRA Termo Top	class 3	class 2	matt	8 – 10	HGMIX	high		5		IIA(a), 20	YES
SPEKTRA Magnetic (PAINT)	not relevant	not relevant	matt	1.5 kg / 3 coats	BLACK	high		2/5 kg		IIA(l),70	YES
SPEKTRA 2K epoxy paint for concrete	class 1	class 1	semi-matt	6 – 8	white, grey	low		10/20 kg	YES	IIA(j), 82	YES
SPEKTRA Concrete Protect	class 1	class 1	semi-matt	6 – 8	HGMIX, RM	medium		SN: 0.65 / 4 / 10 HGMIX: 2 / 4	YES	IIA(l), 90	YES

*light or pastel shades (base B1) are available

**consumption depends on the decorative techniques

WASHABILITY according to EN 13300	thickness of the rubbed coating or paint at the prescribed number rubbed
class 1	< 5 µm of rubbed film at 200 cycles of rubbing
class 2	≥ 5 µm and < 20 µm of rubbed film at 200 cycles of rubbing
class 3	≥ 20 µm and < 70 µm of rubbed film at 200 cycles of rubbing
class 4	< 70 µm of rubbed film at 40 cycles of rubbing
class 5	≥ 70 µm of rubbed film at 40 cycles of rubbing

Washability or durability of the coating for repeated cleaning depends on the resistance to wet rubbing. Class 1 means the highest degree of resistance to wet rubbing.

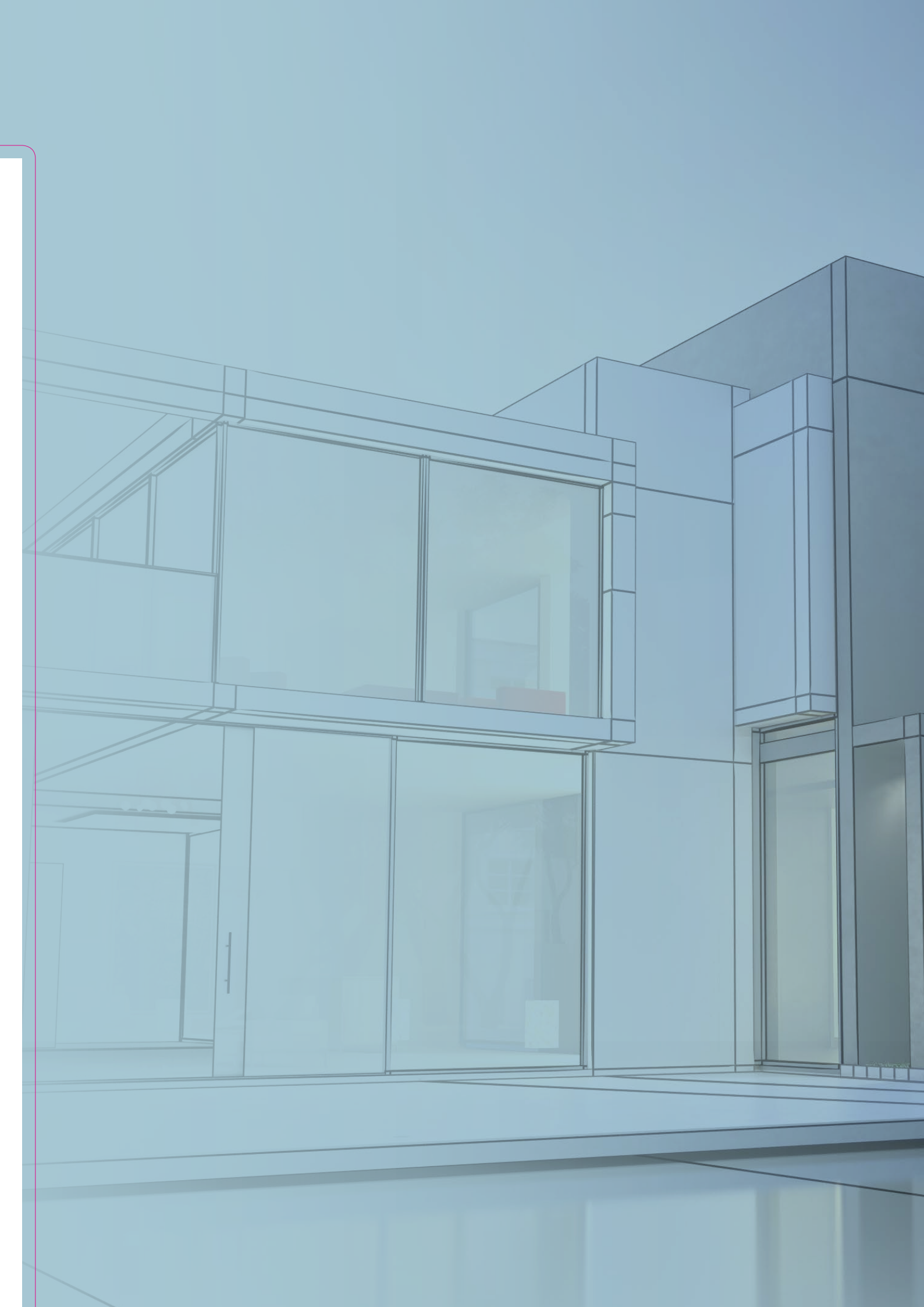
GLOSS ISO 2813	
Classification according to EN 13 300	Measurement angle Reflection / %
Glossy 60°	≥ 60
Semi-matt/semi-gloss	
60°	< 60
85°	≥ 10
Matt 85°	< 10
Deep matt 85°	< 5

HIDING POWER (according to EN 13300)	
class 1	≥ 99.5
class 2	≥ 98 and < 99.5
class 3	≥ 95 and < 98
class 4	< 95

Classification is based on the declared paint consumption in m²/l

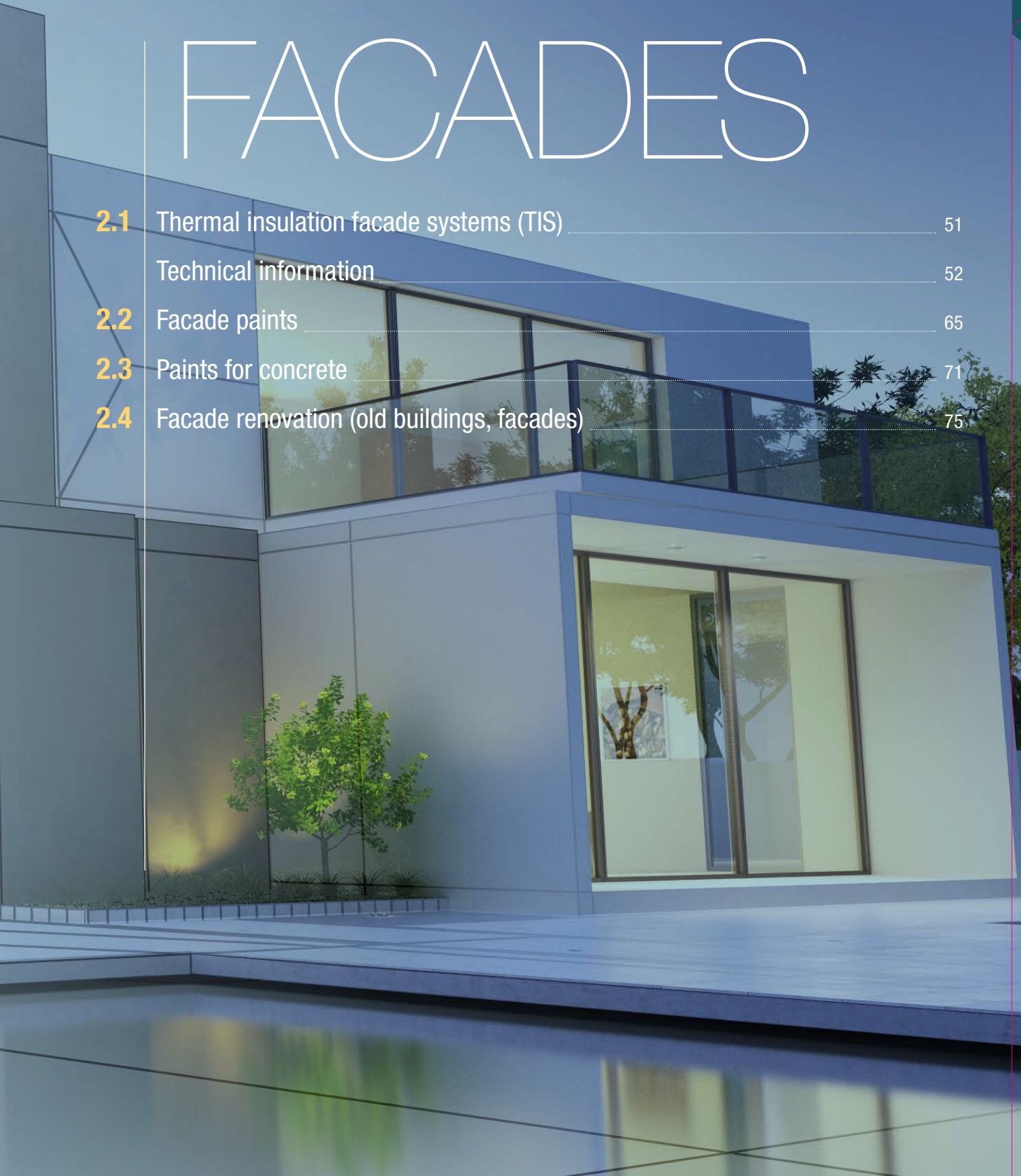
The colours are classified according to their hiding power in different classes, where class 1 marks the best possible hiding power.

VAPOUR PERMEABILITY EN 7783-2	
Classification EN 1062 – 1	
Class	S _d / m
V ₀	not required
V ₁ – high	< 0,14
V ₂ – medium	≥ 0,14 in < 1,4
V ₃ – low	≤ 1,4



FACADES

2.1	Thermal insulation facade systems (TIS)	51
	Technical information	52
2.2	Facade paints	65
2.3	Paints for concrete	71
2.4	Facade renovation (old buildings, facades)	75





For more information about facade systems, see the Guide for facade builders

2.1 THERMAL INSULATION FACADE SYSTEMS

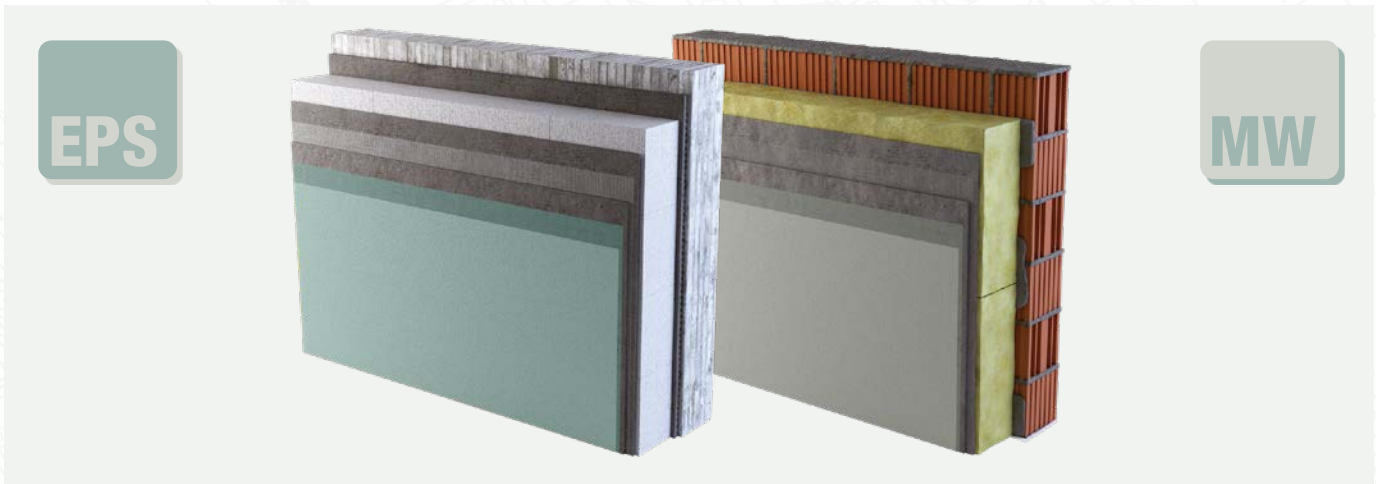
QUALITY LEVEL	1 ADHESION	2 INSULATION	3.5 PROCESSING	4 REINFORCEMENT	5 IMPREGNATION	6 TOP COATS
<p>SPEKTRA EPS (GRAPHITE) premium</p> <p>EPS ETA-08/0122</p>	 <ul style="list-style-type: none"> • SPEKTRA ADHESIVE EPS 	 <ul style="list-style-type: none"> • SPEKTRA EPS-F insulation panels • SPEKTRA EPS GRAPHITE-F insulation panels 	 <ul style="list-style-type: none"> • SPEKTRA ADHESIVE EPS • SPEKTRA ADHESIVE EPS rough* 	 <ul style="list-style-type: none"> • SPEKTRA reinforcing facade mesh 	 <ul style="list-style-type: none"> • SPEKTRA UNI GRUND 	 <ul style="list-style-type: none"> • SPEKTRA PLASTER SILICONE
<p>SPEKTRA EPS classic</p> <p>EPS ETA-08/0122</p>	 <ul style="list-style-type: none"> • SPEKTRA ADHESIVE EPS 	 <ul style="list-style-type: none"> • SPEKTRA EPS-F insulation panels • SPEKTRA EPS GRAPHITE-F insulation panels 	 <ul style="list-style-type: none"> • SPEKTRA ADHESIVE EPS • SPEKTRA ADHESIVE EPS rough* 	 <ul style="list-style-type: none"> • SPEKTRA reinforcing facade mesh 	 <ul style="list-style-type: none"> • SPEKTRA UNI GRUND 	 <ul style="list-style-type: none"> • SPEKTRA PLASTER ACRYL
<p>SPEKTRA MW premium</p> <p>MW ETA-08/0078</p>	 <ul style="list-style-type: none"> • SPEKTRA ADHESIVE MW 	 <ul style="list-style-type: none"> • SPEKTRA facade MW lamella • SPEKTRA facade MW panel 	 <ul style="list-style-type: none"> • SPEKTRA ADHESIVE MW 	 <ul style="list-style-type: none"> • SPEKTRA reinforcing facade mesh 	 <ul style="list-style-type: none"> • SPEKTRA UNI GRUND 	 <ul style="list-style-type: none"> • SPEKTRA PLASTER SILICONE
<p>SPEKTRA MW extra</p> <p>MW ETA-08/0078</p>	 <ul style="list-style-type: none"> • SPEKTRA ADHESIVE MW 	 <ul style="list-style-type: none"> • SPEKTRA facade MW lamella • SPEKTRA facade MW panel 	 <ul style="list-style-type: none"> • SPEKTRA ADHESIVE MW 	 <ul style="list-style-type: none"> • SPEKTRA reinforcing facade mesh 	 <ul style="list-style-type: none"> • SPEKTRA UNI GRUND 	 <ul style="list-style-type: none"> • SPEKTRA SILICONE&SILICATE PLASTER*
<p>SPEKTRA MW classic</p> <p>MW ETA-08/0078</p>	 <ul style="list-style-type: none"> • SPEKTRA ADHESIVE MW 	 <ul style="list-style-type: none"> • SPEKTRA facade MW lamella • SPEKTRA facade MW panel 	 <ul style="list-style-type: none"> • SPEKTRA ADHESIVE MW 	 <ul style="list-style-type: none"> • SPEKTRA reinforcing facade mesh 	 <ul style="list-style-type: none"> • SPEKTRA UNI GRUND 	 <ul style="list-style-type: none"> • SPEKTRA SILICATE PLASTER*
<p>AUXILIARY PRODUCTS</p>	   	<ul style="list-style-type: none"> • SPEKTRA POLYURETHANE ADHESIVE FOR INSULATION PANELS • NEOSTIK PUR FOAM FOR ROOF TILES • NEOSTIK PUR FOAM UNIVERSAL • NEOSTIK PUR FOAM FOR INSULATION PANELS (GUN) 		  	<ul style="list-style-type: none"> • NEOSTIK SEALANT ACRYL ROUGH • NEOSTIK SEALANT SILICON NEUTRAL • NEOSTIK ADHESIVE SEALANT • FIX & SEAL FOR ALL SURFACES • SPEKTRA MOSAIC PLASTER* 	

All HELIOS SPEKTRA thermal insulation systems are also available in a STRONG version, which has double reinforcement and therefore more mechanical resistance. For faster adhesion of EPS insulation panels, it is also possible to use SPEKTRA polyurethane adhesive for insulation panels.

Thermal insulation system (TIS)

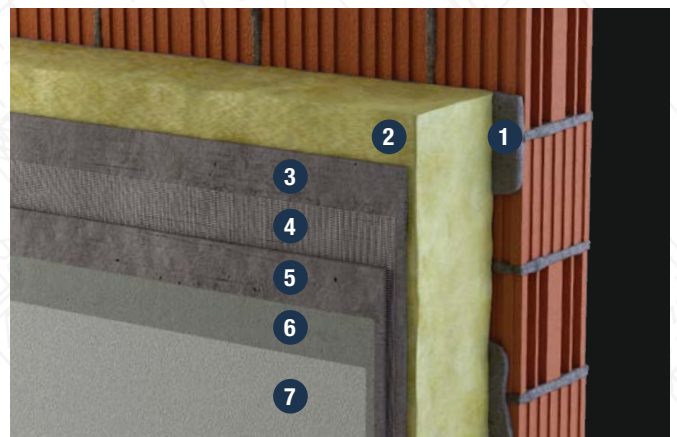
SPEKTRA thermal insulation system EPS ETA 08/0 122

SPEKTRA thermal insulation system MW ETA 08/0078



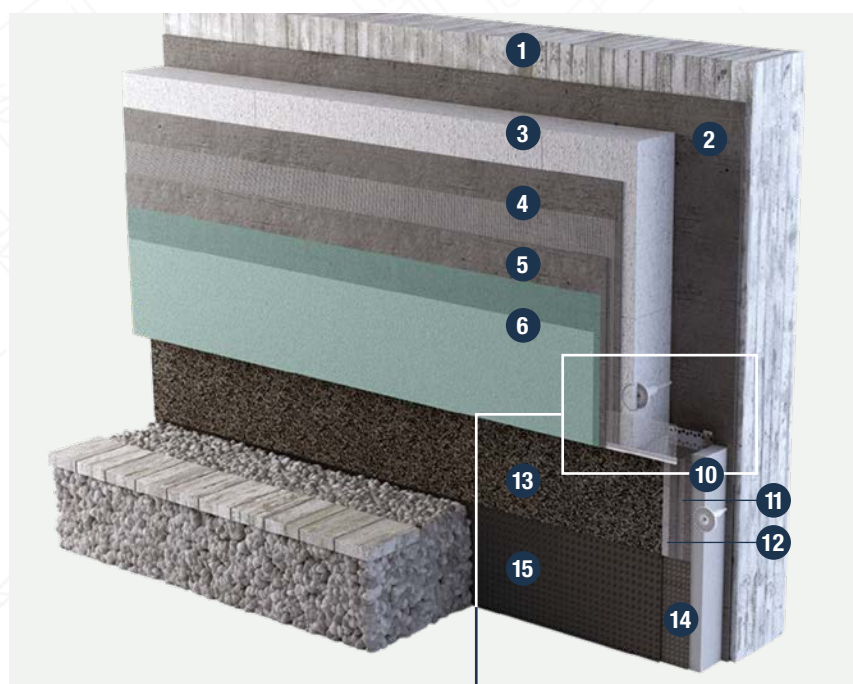
1. SPEKTRA adhesive for polystyrene
2. Facade polystyrene panel (EPS-F)
3. SPEKTRA adhesive for polystyrene
4. SPEKTRA reinforcing mesh
5. SPEKTRA adhesive for polystyrene
6. SPEKTRA UNI GRUND
7. SPEKTRA plasters - acrylic or silicone

1. SPEKTRA adhesive for mineral wool
2. Facade MW lamella
3. SPEKTRA adhesive for mineral wool
4. SPEKTRA reinforcing mesh
5. SPEKTRA adhesive for mineral wool
6. SPEKTRA UNI GRUND
7. SPEKTRA silicone or silicate plasters



Technical drawing for the installation of the SPEKTRA thermal insulation system

Installing the **SPEKTRA thermal insulation system** with an overhang in the area of the plinth using the **SPEKTRA supporting ALU profile**



Key:

1. Load-bearing structure
2. SPEKTRA facade adhesive
3. SPEKTRA insulation panels
4. SPEKTRA facade adhesive with the SPEKTRA reinforcing facade mesh
5. SPEKTRA facade adhesive
6. SPEKTRA UNI GRUND with SPEKTRA finishing plaster
7. SPEKTRA supporting ALU profile
8. SPEKTRA mounting profile
9. SPEKTRA compressed sealing tape BG1
10. Insulation panel for the plinth
11. SPEKTRA facade adhesive with the SPEKTRA reinforcing facade mesh
12. SPEKTRA facade adhesive
13. SPEKTRA UNI GRUND with SPEKTRA MOSAIC PLASTER
14. Waterproofing
15. TIS protection against damage under the level of the terrain



Important:

The proposed technical solutions are subject to specific situations and a correct and effective installation, which is beyond our control. HELIOS Tovarna barv, lakov in umetnih smol Količevo, d. o. o. assumes no direct legal liability that would result from taking our recommendations into account. The examples shown are only a schematic representation.



Adhesion

SPEKTRA ADHESIVE EPS

Polymer cement mortar



- adhesion, reinforcement and treatment of thermal insulation styrofoam panels



INSTRUCTIONS FOR USE

AREA OF APPLICATION: as an adhesive for sticking styrofoam panels to mineral surfaces made of concrete, which is at least 2 months old, bricks, plaster, ytong blocks, asbestos-cement and other surfaces/(mortar) laying glass lattice onto thermal insulation panels (reinforcement) and as a compound for the final treatment (smoothing) before the application of the decorative plaster.

CONSUMPTION: adhesion: 4 – 5 kg/m²,
reinforcement and treatment: 5 – 6 kg/m²

COMPOUND PREPARATION: mix the contents of 1 bag with approx. 6 l of water to achieve a homogeneous compound; leave the mixture to rest for approx. 10 minutes, and then mix again.

PACKAGING UNITS: 25 kg natron bags

SPEKTRA ADHESIVE MW

Polymer cement mortar



- adhesion, reinforcement and treatment of thermal insulation styrofoam panels, mineral wool, wool cement boards and similar materials



INSTRUCTIONS FOR USE

AREA OF APPLICATION: as adhesives for the adhesion of polystyrene thermal insulation panels (expanded polystyrene, styrofoam), heraklith, mineral wool, glass wool/(mortar) laying glass lattice onto thermal insulation panels (reinforcement) and as compounds the final treatment (smoothing) before the application of the decorative plaster.

CONSUMPTION: adhesion: 4 – 5 kg/m²,
reinforcement and treatment: 6 kg/m²

COMPOUND PREPARATION: mix the contents of 1 bag with approx. 5.5 l of water to achieve a homogeneous compound; leave the mixture to rest for approx. 10 minutes, and then mix again.

PACKAGING UNITS: 25 kg natron bags

SPEKTRA ADHESIVE EPS rough

Polymer cement mortar



- adhesion, reinforcement and treatment of thermal insulation styrofoam panels



INSTRUCTIONS FOR USE

AREA OF APPLICATION: as an adhesive for sticking styrofoam panels to mineral surfaces made of concrete, which is at least 2 months old, bricks, plaster, ytong blocks, asbestos-cement and other surfaces/(mortar) laying glass lattice onto thermal insulation panels (reinforcement) and as a compound for the final treatment (smoothing) before the application of the decorative plaster.

CONSUMPTION: adhesion: 4 – 5 kg/m²,
reinforcement and treatment: 5 – 6 kg/m²

COMPOUND PREPARATION: mix the contents of 1 bag with approx. 6 l of water to achieve a homogeneous compound; leave the mixture to rest for approx. 10 minutes, and then mix again.

PACKAGING UNITS: 25 kg natron bags

Insulation

SPEKTRA EPS-F insulation panels



SPEKTRA EPS GRAPHITE-F insulation panels



SPEKTRA facade MW lamella



SPEKTRA facade MW panel



Reinforcement

SPEKTRA reinforcing facade mesh



Impregnation

SPEKTRA UNI GRUND

Enables an even colour shade of the finishing coat



- deep penetration into the surface
- good adhesion
- evens out the absorbency of the surface



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the impregnation of exterior and interior wall surfaces prior to the application of the SPEKTRA plasters.
CONSUMPTION:	1 kg covers 4 – 5 m ² of surface in 1 coat
THINNING:	with water up to 10% (in terms of weight)
PACKAGING UNITS:	8 kg / 25 kg
COLOUR SHADES:	white, HGMIX
TINTING:	possible with pigment pastes suitable for water-based paints, 3 to 5%

Top coat

SPEKTRA PLASTER SILICONE

High water-resistance and vapour permeability



- resistant to the effects of weathering
- resistant to dirt
- resistant to scrubbing and impact
- easy to apply



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	a top structure plaster for the protection and decoration of exterior and interior surfaces on old and new mineral plasters, stoppers, concrete surfaces and as a top coat in facade thermal insulation systems.
CONSUMPTION:	2.0 mm Z: 3.0 kg/m ² 1.5 mm Z: 2.5 kg/m ² 2.0 mm R: 2.8 kg/m ² 1.5 mm R: 2.5 kg/m ² 2.5 mm R: 3.2 kg/m ²
THINNING:	with water if necessary
PACKAGING UNITS:	25 kg
COLOUR SHADES:	white, HGMIX

SPEKTRA SILICONE&SILICATE PLASTER*

Durable water-resistant plaster which prevents the formation of micro-organisms



- high level of water resistance
- high level of vapour permeability
- resistant to dirt absorption
- resistant to the harmful effects of weathering and the industrial atmosphere
- colour stability



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	used as a top structural plaster for the protection and decoration of exterior and interior surfaces (all types of finely treated old and new mineral plasters, levelling compounds, concrete surfaces), and as a top coat in facade thermal insulation systems.
CONSUMPTION:	With 1.5 mm ~ 2.5 kg/m ² With 2.0 mm ~ 3 kg/m ² R 2.0 mm ~ 2.8 kg/m ²
THINNING:	with water, if required
PACKAGING UNITS:	25 kg
COLOUR SHADES:	white, HGMIX

SPEKTRA PLASTER ACRYL

Water resistance and vapour permeability



- easy application
- resistance to the effects of weathering and the harmful industrial atmosphere
- resistant to abrasion and impact
- elasticity



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for the treatment of different types of finely treated construction surfaces (fine mineral plasters, fibre-cement and plaster-cardboard panels) and concrete, and as top coat in facade thermal insulation systems.

CONSUMPTION: 1.0 mm Z: approx. 2.2 kg/m²
1.5 mm Z: approx. 2.5 kg/m²
2.0 mm Z: approx. 3.0 kg/m²
2.5 mm Z: approx. 3.2 kg/m²
1.5 mm R: approx. 2.5 kg/m²
2.0 mm R: approx. 2.8 kg/m²
2.5 mm R: approx. 3.2 kg/m²

THINNING: with water if necessary

PACKAGING UNITS: 25 kg

COLOUR SHADES: white, HGMIX

SPEKTRA SILICATE PLASTER*

Pre-prepared final plaster on the basis of potassium sodium silicate and acrylic dispersions



- easy application
- high level of vapour permeability
- resistance to the effects of weathering and the harmful industrial atmosphere
- resistant to abrasion and impact
- resistant to dirt absorption



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for the protection and decoration of exterior wall surfaces made from old and new mineral plasters, and the renovation of old layers of silicate paints and plastering. Due to its vapour permeability and matt surface, it is suitable for the renovation of facade surfaces of listed buildings.

CONSUMPTION: Granulation 10 mm: cca. 2.3 kg/m²
Granulation 1.5 mm: cca. 2.6 kg/m²
Granulation 2.0 mm: cca. 3.0 kg/m²

PACKAGING UNITS: 25 kg

COLOUR SHADES: white, HGMIX (pastel shades)

Auxiliary products

SPEKTRA MOSAIC PLASTER*

Ready-made multicolour acrylate decorative plaster



- resistant to abrasion and impact
- resistance to the effects of weathering and the harmful industrial atmosphere
- water resistance
- washability



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for plinths, frames and decorations on priming plasters, concrete, exterior and interior walls, pillars and staircases and for window, door and fireplace frames.

CONSUMPTION: Grain 1.0 mm: 2.0 to 2.5 kg/m²
Grain 2.0 mm: 3.5 to 4.5 kg/m²

THINNING: no thinning

PACKAGING UNITS: 25 kg

COLOUR SHADES: 20 shades according to the colour chart

SPEKTRA polyurethane adhesive for insulation panels



- low expansion
- good adhesion to insulation panels
- strengthens with air humidity
- fast execution
- ETAG 004

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	insulation panels, facades, wood/plaster... Excellent adhesion to: styrofoam, styrodur, stone wool, concrete, tiles, bricks, plaster, wood and other building materials.
----------------------	---

PACKAGING UNITS: 800 ml

NEOSTIK PUR FOAM FOR ROOF TILES Manual and gun application polyurethane foam



- low expansion
- excellent adhesion to roof tiles
- resistant to wind and low and high temperatures
- cures with the air humidity



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	low expansion, roof tiles Excellent adhesion to: brick roof tiles as well as wood, concrete, brick, aerated concrete, metal, aluminum, stone and plastics.
----------------------	---

PACKAGING UNITS: 750 ml

NEOSTIK PUR FOAM UNIVERSAL Manual and gun application polyurethane foam



- universal
- good structure foam
- good result



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	sealing, adhesion, insulation, filling. Excellent adhesion to: wood, bricks and aerated concrete, metal, aluminum, stone and plastics.
----------------------	---

PACKAGING UNITS: 750 ml

NEOSTIK PUR FOAM FOR INSULATION PANELS Gun application polyurethane foam with low post-expansion



- low expansion
- bonds and seals insulation boards
- provides optimum acoustic and thermal insulation
- cures with the air humidity



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	bonding and fixing insulating panels and other materials. Excellent adhesion to: Styrofoam, Styrodur, stone wool, concrete, roof tiles, bricks, plaster, wood and other building materials.
----------------------	--

PACKAGING UNITS: 750 ml

Auxiliary products

NEOSTIK SEALANT ACRYL ROUGH

Sealant on an acrylic base with a rough appearance



- good workability
- does not change colour
- can be painted
- UV+
- solvent-free
- can be applied on slightly damp surfaces



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for repairing and filling cracks and joints on facades, in plaster and walls with rough appearance, etc. Excellent adhesion to: concrete, plaster, plasterboard, brick, wood, foam concrete, ceramic tiles.
----------------------	---

PACKAGING UNITS:	310 ml
------------------	--------

COLOUR SHADES:	white
----------------	-------

NEOSTIK SEALANT SILICON NEUTRAL

Permanently elastic sealant on a neutral base with excellent adhesion to all building materials



- does not cause corrosion
- highly resistant to UV rays, light, aging and a wide range of chemicals
- offers perfect waterproof protection
- no slumping in joints on vertical surfaces



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for installing and sealing glass in wooden, aluminum and PVC frames, for sealing dilatation systems on facades and in construction, for sealing joints where there is a possibility of mould formation. For contacts between window frames and doors, finishing joints between shelves and walls, shutter casings, sealing joints in silos, tanks, containers and various industries, gluing slats. Excellent adhesion to: concrete, brick, wood, metal, steel, glass, aluminum, various types of plastics, foam concrete, ceramics, plaster panels, clinker, porcelain, styrofoam and coatings.
----------------------	--

PACKAGING UNITS:	310 ml
------------------	--------

COLOUR SHADES:	white, transparent
----------------	--------------------

NEOSTIK ADHESIVE SEALANT FIX & SEAL FOR ALL SURFACES

Versatile and permanently elastic adhesive sealant



- excellent mechanical properties
- prevents the formation of mould
- environmentally friendly, UV stable, resistance to atmospheric influence
- does not cause corrosion
- does not stain
- resistant to vibrations



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the exterior and interior sealing of dilatation joints and breaks (construction, floors and facades), for contacts between window frames, doors, plaster boards and concrete elements. For the sealing and adhesion of various materials in the automotive industry, metal constructions, shipbuilding, silos, tanks, containers, vacuum systems, for the adhesion of window shelves, slats and roofs.
----------------------	--

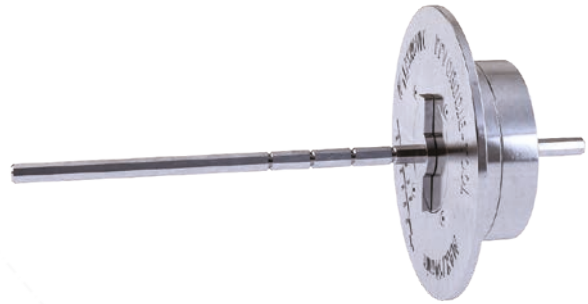
PACKAGING UNITS:	290 ml
------------------	--------

COLOUR SHADES:	white, grey
----------------	-------------

SPEKTRA PP plastic fixture



SPEKTRA tool for mounting PPV fixtures



SPEKTRA fixture with PPV screw



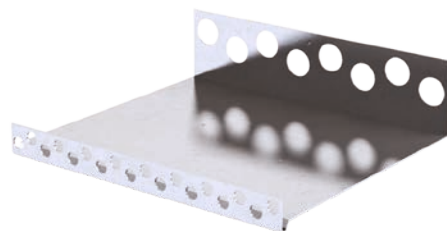
SPEKTRA EPS and MW cap
Ø 70 x 17



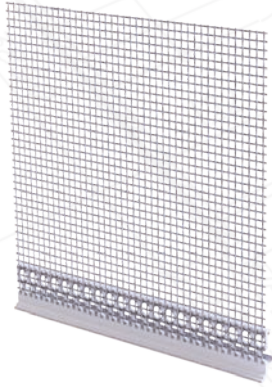
SPEKTRA PSK fixing anchor



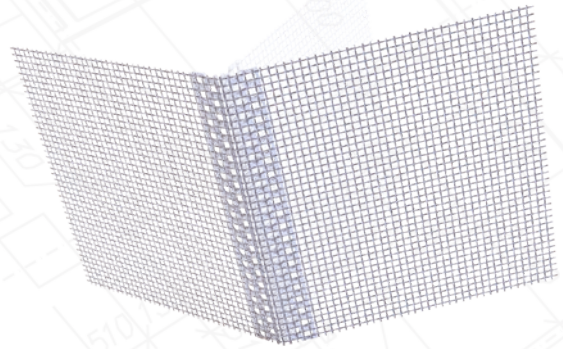
SPEKTRA supporting ALU profile
120 – 160 mm, 2.50 m



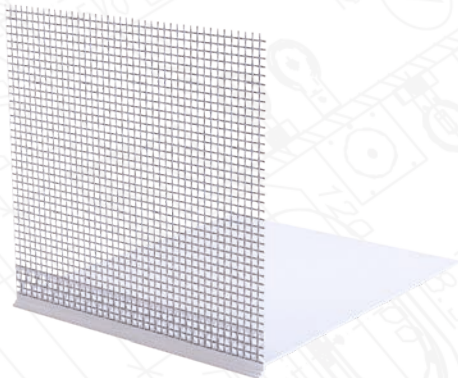
**SPEKTRA mounting profile
for the plinth profile**



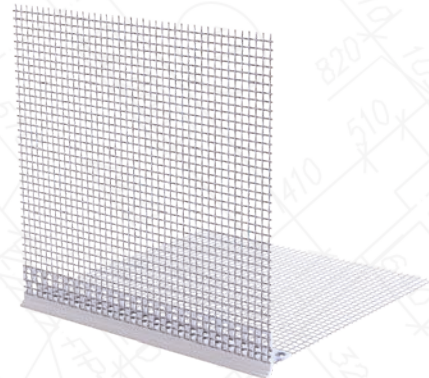
SPEKTRA PVC angle with reinforcing mesh
12.5 × 12.5 cm, in a 50 m roll



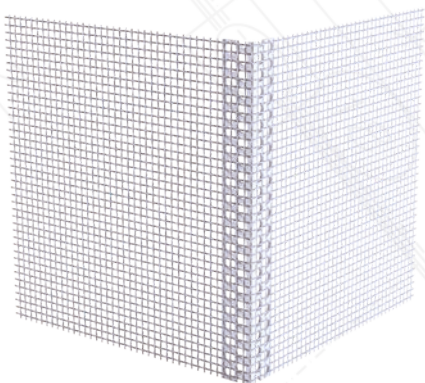
SPEKTRA insert base PVC profile
50 – 100 mm with reinforcing mesh 2.50 m



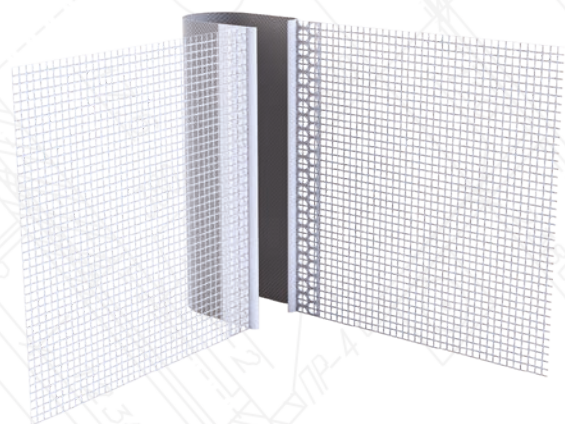
**SPEKTRA drip PVC profile
with reinforcing mesh**
10 × 10 cm, 2.50 m



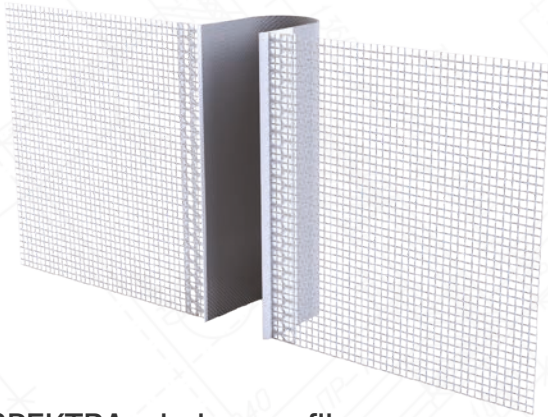
**SPEKTRA PVC 90° angle with reinforcing
mesh**
10 × 15 cm, 2.50 m



SPEKTRA expansion profile TYPE I
2.50 m (angular)



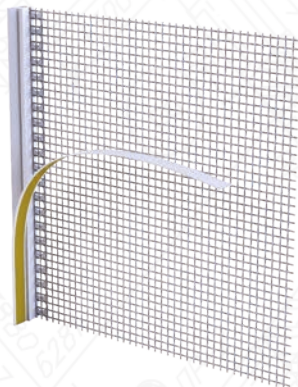
SPEKTRA expansion profile TYPE II
2.50 m (straight)



SPEKTRA PVC connection profile for sheet metal frames with reinforcing mesh
2.50 m (angular)






SPEKTRA window profile with VVS reinforcing mesh
2.40 m





Škofijska Grammar School, Ljubljana

2.2 FACADE PAINTS

QUALITY LEVEL	BINDING	IMPREGNATION	TOP COAT
PREMIUM	acrylate	 <ul style="list-style-type: none"> • SPEKTRA Impregnation Acryl Special • SPEKTRA Impregnation Acryl 	 <ul style="list-style-type: none"> • SPEKTRA Top Dry
	silicone	 <ul style="list-style-type: none"> • SPEKTRA silicone impregnation 	 <ul style="list-style-type: none"> • SPEKTRA Facade Silicone
STANDARD	silicone styrene acrylate	 <ul style="list-style-type: none"> • SPEKTRA silicone impregnation • SPEKTRA Impregnation Acryl 	 <ul style="list-style-type: none"> • SPEKTRA Facade Siloxane • SPEKTRA Renoxan
	styrene acrylate	 <ul style="list-style-type: none"> • SPEKTRA Impregnation Acryl Special • SPEKTRA Impregnation Acryl 	 <ul style="list-style-type: none"> • SPEKTRA Facade Acryl • SPEKTRA Facade Universal
ECONOMICAL	styrene acrylate	 <ul style="list-style-type: none"> • COLOR EMULSION 	 <ul style="list-style-type: none"> • COLOR FACADE PAINT
AUXILIARY PRODUCTS			<ul style="list-style-type: none"> • NEOSTIK SILICONE NEUTRAL • NEOSTIK SEALANT ACRYL ROUGH • NEOSTIK ADHESIVE SEALANT FIX & SEAL FOR ALL SURFACES

Impregnation

SPEKTRA Impregnation Acryl Special

Base coat that does not drip and penetrates deep into the substrate



- easy application without dripping
- evens out and decreases surface permeability
- strengthens poorly bonded old coatings
- improves the adhesion of new coatings



SPEKTRA Impregnation Acryl

Evens out surface permeability and improves adhesion



- penetrates deeply into the surface
- strengthens poorly bonded and chalked old coatings
- reduces the consumption of top coatings



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for impregnation of lime and lime-cement surfaces, old chalked plasters and coatings, plaster cardboard panels and other porous surfaces.
----------------------	---

CONSUMPTION:	1 l of impregnation covers 15 – 25 m ² of surface in 1 coat
--------------	--

THINNING:	not to be thinned
-----------	-------------------

PACKAGING UNITS:	2 l / 5 l / 10 l
------------------	------------------

COLOUR SHADES:	colourless
----------------	------------

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for impregnation of lime and lime-cement surfaces, old chalked plasters and coatings, plaster cardboard panels and other porous surfaces, also used as a primer before using the SPEKTRA facade paint.
----------------------	--

CONSUMPTION:	1 l of thinned impregnation covers 10 – 12 m ² of surface in 1 coat
--------------	--

THINNING:	with water, in the ratio up to 1 : 3, depending on surface permeability
-----------	---

PACKAGING UNITS:	1 l / 5 l / 10 l
------------------	------------------

COLOUR SHADES:	colourless
----------------	------------

SPEKTRA Silicone Impregnation

Preserves the vapour permeability of the surface



- evens out and decreases the absorbency of the surface
- strengthens poorly bonded and chalked old coatings
- improves the adhesion of new coatings
- decreases the consumption of finishing coatings



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the impregnation of lime and lime-cement exterior surfaces, as a primer before the application of the SPEKTRA silicone facade paint.
----------------------	--

CONSUMPTION:	1 l covers 10 – 12 m ² of surface in 1 coat
--------------	--

THINNING:	with water in the ratio 1 : 1
-----------	-------------------------------

PACKAGING UNITS:	5 l
------------------	-----

COLOUR SHADES:	colourless
----------------	------------

COLOR EMULSION

Improves the paintwork effect



- decreases surface absorbency
- improves adhesion of new paint and plaster



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the impregnation of lime and lime-cement surfaces, old chalked plasters and coatings, plaster-cardboard panels and other porous surfaces.
CONSUMPTION:	1 l of thinned impregnation covers 8 – 12 m ² of surface in 1 coat
THINNING:	with water, in the ratio up to 1 : 5, depending on surface permeability
PACKAGING UNITS:	1 l
COLOUR SHADES:	colourless

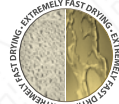
Top coat

SPEKTRA Top Dry

Acrylic facade paint for the extremely fast drying



- extremely fast drying of facade surfaces after rain, dew, and fog
- protection against algae and mould
- high durability of colour shades
- HGMIX (inorganic pigments)



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	all types of mineral and dispersion plasters, fiber-cement and wood-cement boards, concrete as well as old dispersion coatings.
CONSUMPTION:	1 l covers 6 – 8 m ² in 1 coat
THINNING:	with water from 5 to 10%
PACKAGING UNITS:	2 l / 10 l
COLOUR SHADES:	white, HGMIX

SPEKTRA Facade Silicone

Extreme vapour permeability and hydrophobicity



- permanence and durability
- water soluble, health- and environmentally friendly paint
- resistance to the effects of weathering and the harmful industrial atmosphere
- easy to apply
- durability of color shades (inorganic pigments)



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for painting all types of plasters: lime-cement, dispersion, silicate and silicone, and for overcoating old dispersion, silicate and silicone coatings.
CONSUMPTION:	1 l covers 10 – 14 m ² of smooth surface in 1 coat
THINNING:	with water from 5 to 10%
PACKAGING UNITS:	2 l / 10 l
TINTING:	possible with pigment pastes suitable for water-based facade paints, which contain only inorganic pigments, from 3 to 5%
COLOUR SHADES:	white, HGMIX

SPEKTRA Facade Siloxane

High vapour permeability and high water-resistance



- resistance to the effects of weathering and the harmful industrial atmosphere
- resistance to the development of algae and mould
- durability of colour shades (inorganic pigments)



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for painting all types of plasters: lime-cement, dispersion, silicate and silicone, and for overcoating old dispersion, silicate and silicone coatings.
CONSUMPTION:	1 l covers 8–10 m ² of smooth surface in 1 coat
THINNING:	with water from 5 to 10%
PACKAGING UNITS:	2 l / 10 l
TINTING:	possible with pigment pastes suitable for water-based facade paints, which contain only inorganic pigments, from 3 to 5%
COLOUR SHADES:	white, HGMIX

SPEKTRA Renoxan

Facade paint with excellent microreinforcement effect



- reinforces and bridges micro cracks
- for the restoration of thermal insulation systems (EPS and MW) as well as other facade surfaces
- high vapour permeability and high water repellency
- biocidal protection of the colour film
- HGMIX (inorganic pigments)



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	all types of mineral and dispersion plasters, fibre-cement and wood-cement boards, concrete as well as old dispersion coatings.
CONSUMPTION:	1 l covers 4–8 m ² in 1 coat
THINNING:	with water from 5 to 10%
PACKAGING UNITS:	5 l / 10 l
COLOUR SHADES:	white, HGMIX

SPEKTRA Facade Acryl

High water-resistance



- water soluble, health- and environmentally friendly paint
- resistance to the effects of weathering and the harmful industrial atmosphere
- resistance to wet scrubbing



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for painting all types of mineral and dispersion plasters, fibre-cement and wood-cement panels and concrete, and for covering old dispersion coatings; also for interior wall surfaces.
CONSUMPTION:	1 l covers 6–8 m ² of smooth surface in 1 coat
THINNING:	with water from 5 to 10%
PACKAGING UNITS:	2 l / 5 l / 10 l / 15 l
TINTING:	possible with pigment pastes suitable for water-based facade paints, from 3–5%, and with dispersion paints suitable for tinting
COLOUR SHADES:	white, HGMIX

SPEKTRA Facade Universal

Contains microfibers, excellent for the renovation of thermal insulation systems (EPS and MW) and other facade surfaces



- ability to reinforce and bridge micro-cracks
- biocidal protection of the colour film
- colour stability (inorganic pigments)
- wear resistance (quartz fillers)
- high level of water resistance



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	restoration of styrofoam- and mineral wool based thermal insulation systems, for painting all types of mineral and dispersion plasters, fibre-cement panels, wood-cement panels and concrete, and for covering old dispersion coatings.
CONSUMPTION:	1 l covers 4 – 8 m ² of smooth surface in 1 coat
THINNING:	with water from 5 to 10%
PACKAGING UNITS:	HGMIX: 2 l / 10 l / 15 l
COLOUR SHADES:	white, HGMIX

COLOR FACADE PAINT

Protection and coating of new, and renovation of old, exterior surfaces



- resistance to the effects of weathering and the harmful industrial atmosphere
- good hiding power and adhesion onto different surfaces



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for exterior surfaces - plaster, concrete and other mineral surfaces.
CONSUMPTION:	1 l covers 6 – 8 m ² of surface in 1 coat
PACKAGING UNITS:	5 l / 14 l
COLOUR SHADES:	white, HGMIX

Auxiliary products

NEOSTIK SEALANT ACRYL ROUGH

Sealant on an acrylic base with a rough appearance



- good workability
- does not change colour
- can be painted
- UV+
- solvent-free
- can be applied on slightly damp surfaces



INSTRUCTIONS FOR USE

AREA OF APPLICATION:

for repairing and filling cracks and joints on facades, in plaster and walls with rough appearance, etc. Excellent adhesion to: concrete, plaster, plasterboard, brick, wood, foam concrete, ceramic tiles.

PACKAGING UNITS: 310 ml

COLOUR SHADES: white

NEOSTIK SEALANT SILICON NEUTRAL

Permanently elastic sealant on a neutral base with excellent adhesion to all building materials



- does not cause corrosion
- highly resistant to UV rays, light, aging and a wide range of chemicals
- offers perfect waterproof protection
- no slumping in joints on vertical surfaces



INSTRUCTIONS FOR USE

AREA OF APPLICATION:

for installing and sealing glass in wooden, aluminum and PVC frames, for sealing dilatation systems on facades and in construction, for sealing joints where there is a possibility of mould formation. For contacts between window frames and doors, finishing joints between shelves and walls, shutter casings, sealing joints in silos, tanks, containers and various industries, gluing slats. Excellent adhesion to: concrete, brick, wood, metal, steel, glass, aluminum, various types of plastics, foam concrete, ceramics, plaster panels, clinker, porcelain, styrofoam and coatings.

PACKAGING UNITS: 310 ml

COLOUR SHADES: white, transparent

NEOSTIK ADHESIVE SEALANT FIX & SEAL FOR ALL SURFACES

Versatile and permanently elastic adhesive sealant



- excellent mechanical properties
- prevents the formation of mould
- environmentally friendly, UV stable, resistance to atmospheric influence
- does not cause corrosion
- does not stain
- resistant to vibrations



INSTRUCTIONS FOR USE



AREA OF APPLICATION:

for the exterior and interior sealing of dilatation joints and breaks (construction, floors and facades), for contacts between window frames, doors, plaster boards and concrete elements. For the sealing and adhesion of various materials in the automotive industry, metal constructions, shipbuilding, silos, tanks, containers, vacuum systems, for the adhesion of window shelves, slats and roofs.

PACKAGING UNITS: 290 ml

COLOUR SHADES: white, grey

2.3 PAINTS FOR CONCRETE

QUALITY LEVEL	IMPREGNATION	TOP COAT
STANDARD	 <ul style="list-style-type: none"> • SPEKTRA Impregnation Acryl Special • SPEKTRA Impregnation Acryl 	 <ul style="list-style-type: none"> • SPEKTRA Concrete Protect
AUXILIARY PRODUCTS		 <ul style="list-style-type: none"> • NEOSTIK POLYURETHANE BOND & SEAL

Impregnation

SPEKTRA Impregnation Acryl Special

Base coat that does not drip and penetrates deep into the substrate



- easy application without dripping
- evens out and decreases surface permeability
- strengthens poorly bonded old coatings
- improves the adhesion of new coatings



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for impregnation of lime and lime-cement surfaces, old chalked plasters and coatings, plaster cardboard panels and other porous surfaces.

CONSUMPTION: 1 l of impregnation covers 15 – 25 m² of surface in 1 coat

THINNING: not to be thinned

PACKAGING UNITS: 2 l / 5 l / 10 l

COLOUR SHADES: colourless

SPEKTRA Impregnation Acryl

Evens out surface permeability and improves adhesion



- penetrates deeply into the surface
- strengthens poorly bonded and chalked old coatings
- reduces the consumption of top coatings



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for impregnation of lime and lime-cement surfaces, old chalked plasters and coatings, plaster cardboard panels and other porous surfaces, also used as a primer before using the SPEKTRA facade paint.

CONSUMPTION: 1 l of thinned impregnation covers 10 – 12 m² of surface in 1 coat

THINNING: with water, in the ratio up to 1 : 3, depending on surface permeability

PACKAGING UNITS: 1 l / 5 l / 10 l

COLOUR SHADES: colourless

SPEKTRA Concrete Protect

Protection of concrete surfaces with CO₂ diffusion-resistance

- one-component, water-soluble
- easy to apply
- resistant to water absorption
- good mechanical and chemical resistance
- easy maintenance



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for concrete and other cement and lime-cement floor and wall surfaces – concrete floors in cellars, boiler rooms, base courses, staircases and other exterior concrete surfaces.

CONSUMPTION: 1 l covers 6 – 8 m² of surface in 1 coat

THINNING: with water to up to 5%

PACKAGING UNITS: 1 l / 2 l

TINTING: mixing of warm colour shades in an optional ratio

COLOUR SHADES: white and 3 standard colour shades



Auxiliary products

NEOSTIK POLYURETHANE BOND & SEAL

Polyurethane adhesive sealant for elastic joints and the adhesion of various materials



- thixotropic
- can be painted
- UV+
- durability
- elasticity
- high chemical resistance



INSTRUCTIONS FOR USE









AREA OF APPLICATION:	various seals, concrete/concrete, construction, industrial floors, construction. Adhesion/sealing of: aluminium, steel, copper, PVC, concrete, brick, wood, ceramics, metal, styrofoam and some types of plastics.
----------------------	---

PACKAGING UNITS:	300 ml ALU cartridge (white, grey) 600 ml (grey)
------------------	---

COLOUR SHADES:	white, grey
----------------	-------------



2.4 FACADE RENOVATION (old buildings, facades)

QUALITY LEVEL	STEP 1	STEP 2	STEP 3	TOP COAT
SYSTEM FOR RENOVATION OF THE FACADE (older buildings, facades)	 <ul style="list-style-type: none"> • FASADEX RENO 310* remedial spray 	 <ul style="list-style-type: none"> • FASADEX RENO 320* remedial plaster 	 <ul style="list-style-type: none"> • FASADEX RENO 330* fine remedial plaster 	 <ul style="list-style-type: none"> • SPEKTRA RENOXAN • SPEKTRA Facade Silicone • SPEKTRA Facade Siloxane • FASADEX SILICATE PAINT*
Universal plaster for renovation and leveling, 3–30 mm in one application	 <ul style="list-style-type: none"> • FASADEX RENO MAX* 			
Universal fine plaster for renovation and leveling, 1–10mm in one application	 <ul style="list-style-type: none"> • FASADEX RENO FINE* 			
Plaster for decorative techniques: roller, smooth concrete, rough concrete, glass glitter...	 <ul style="list-style-type: none"> • FASADEX DECORATIVE PLASTER* 			
AUXILIARY PRODUCTS	 <ul style="list-style-type: none"> • FASADEX S 			

Step 1

FASADEx RENO 310*

Remedial spray



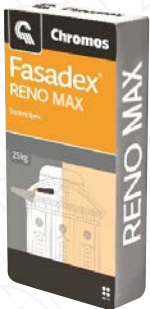
- factory-prepared dry mortar mixture based on mineral binders, aggregates of different granulation and special additives
- creates a solid bond between the wet, salt-impregnated wall surface and the remedial plaster, with a simultaneous high vapour permeability
- resistant to salt and reduces salt transport

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	binding layer between damp and salt-loaded mineral surfaces and FASADEx RENO 320 remedial plaster.
CONSUMPTION:	approx. 5–6 kg/m ² – consumption values are indicative and depend on the surface and the installation technique
APPLICATION:	machine or manual minimum 60–70% of the wall's covered surface
USE TIME:	120 min
PACKAGING UNITS:	25 kg

FASADEx RENO MAX

Universal repair and leveling plaster



- excellent workability
- reinforced with fiber
- very good adhesion
- minimum shrinkage



INSTRUCTIONS FOR USE

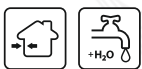
AREA OF APPLICATION:	for renovation and leveling of internal and external substrates, walls and ceilings made of brick and concrete, new buildings, old substrates, load-bearing old plasters, monumental heritage in thickness from 3 to 30mm.
CONSUMPTION:	approx. 14 kg/m ² for a layer thickness of 1 cm
APPLICATION:	machine or manual
PACKAGING UNITS:	25 kg

FASADEx RENO FINE

Universal fine repair and leveling plaster



- excellent workability
- reinforced with fiber
- very good adhesion
- minimum shrinkage



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	renovation and leveling of interior and exterior walls and ceilings. Sediment thickness in one layer from 1 to 10 mm.
CONSUMPTION:	approx. 1,5 kg/m ² of powder per 1 mm of thickness.
APPLICATION:	machine or manual
PACKAGING UNITS:	25 kg

FASADEx DECORATIVE PLASTER*

Thin-layer protective-decorative pasty plaster based on acrylate binder



- easy application
- water repellent
- vapour permeable
- resistant to atmospheric influences
- resistant to scratches and hits
- elastic



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	treatment of external and internal wall surfaces. Possible use for various decorative techniques. It is possible to produce finely structured surfaces with various decorative effects (e.g. roller technique, concrete technique, etc.) It is available in 0.5mm and 4mm granulation.
CONSUMPTION:	granulation 0.5 mm: 0.75 – 1.0 kg/m ² in one application on a flat surface granulation 4.0 mm: 5.0 – 6.0 kg/m ² in one application on a flat surface
THINNING:	up to 1% water
PACKAGING UNITS:	25 kg
TINTING:	HGMIX

Step 2**FASADEx RENO 320***

Remedial plaster



- factory-prepared dry mortar mixture based on mineral binders, aggregates of different granulation and special additives with a high content of air pores for salt loading
- highly porous, high vapour-permeable, water-repellent, has a high pore volume and high absorption capacity for salt
- not suitable for the remediation of active water penetration; there is no waterproofing

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the remedial treatment of walls and walls affected by soluble salts. For the remedial treatment of wall surfaces, damaged due to capillary moisture. For the remedial treatment of basement spaces and as a preventive protection for new constructions in damp and salt-loaded areas.
CONSUMPTION:	approx. 14 kg/m ² for a coat thickness of 1 cm
APPLICATION:	machine, manual
APPLICATION THICKNESS:	minimum 2 cm in one coat; for larger thicknesses it is necessary to install several layers
INTER-LAYER DRYING:	2 days under prescribed conditions of use
USE TIME:	120 min
PACKAGING UNITS:	25 kg

Step 3

FASADEx RENO 330*

Fine remedial plaster



- cement-based remedial plaster with high quality mineral additives
- fine plaster on remedial, base and lime plasters on old and new buildings
- water-repellant, vapour-permeable and highly resistant to weather effects

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the final levelling of remedial plaster, outdoors and indoors.
CONSUMPTION:	approx. 5 kg/m ² for a coat thickness of 3 mm
APPLICATION:	machine, manual
APPLICATION THICKNESS:	approx. 3 mm
FINAL TREATMENT:	min 3 days for a coat thickness of 3 mm, depends on the conditions of installation
USE TIME:	120 min
PACKAGING UNITS:	25 kg

STEP 4

SPEKTRA Renoxan

Facade paint with excellent microreinforcement effect



- reinforces and bridges micro cracks
- for the restoration of thermal insulation systems (EPS and MW) as well as other facade surfaces
- high vapour permeability and high water repellency
- biocidal protection of the colour film
- HGMIX (inorganic pigments)



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	all types of mineral and dispersion plasters, fiber-cement and wood-cement boards, concrete as well as old dispersion coatings.
CONSUMPTION:	1 l covers 4–8 m ² in 1 coat
THINNING:	with water from 5 to 10%
PACKAGING UNITS:	5 l / 10 l
COLOUR SHADES:	white, HGMIX

SPEKTRA Facade Silicone

Extreme vapour permeability and hydrophobicity



- permanence and durability
- water soluble, health- and environmentally friendly paint
- resistance to the effects of weathering and the harmful industrial atmosphere
- easy to apply



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for painting all types of plasters: lime-cement, dispersion, silicate and silicone, and for overcoating old dispersion, silicate and silicone coatings.
CONSUMPTION:	1 l covers 10 – 14 m ² of smooth surface in 1 coat
THINNING:	with water from 5 to 10%
PACKAGING UNITS:	2 l / 10 l
TINTING:	possible with pigment pastes suitable for water-based facade paints, which contain only inorganic pigments, from 3 to 5%
COLOUR SHADES:	white; HGMIX (TERRA, HARMONIA, MONICOLOR 720)

SPEKTRA Facade Siloxane

High vapour permeability and high water-resistance



- resistance to the effects of weathering and the harmful industrial atmosphere
- resistance to the development of algae and mould
- durability of colour shades (inorganic pigments)



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for painting all types of plasters: lime-cement, dispersion, silicate and silicone, and for overcoating old dispersion, silicate and silicone coatings.
CONSUMPTION:	1 l covers 8 – 10 m ² of smooth surface in 1 coat
THINNING:	with water from 5 to 10%
PACKAGING UNITS:	2 l / 10 l
TINTING:	possible with pigment pastes suitable for water-based facade paints, which contain only inorganic pigments, from 3 to 5%
COLOUR SHADES:	white, HGMIX

FASADEx SILICATE PAINT*

Protection and decoration of exterior wall surfaces



- chemically binds to the substrate
- high vapour permeability
- resistant to blow and the effects of the weather and the industrial atmosphere
- high resistance to fading



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the protection and decoration of exterior wall surfaces made from old and new mineral plasters, and the renovation of old layers of silicate paints and plastering. Due to its vapour permeability and matt surface, it is suitable for the renovation of facade surfaces of listed buildings.
CONSUMPTION:	0.20 – 0.25 l/m ² in two coats
PACKAGING UNITS:	5 l / 15 l
COLOUR SHADES:	white, HGMIX

Auxiliary products

FASADEX S

Colorless water-repellent silicone coating



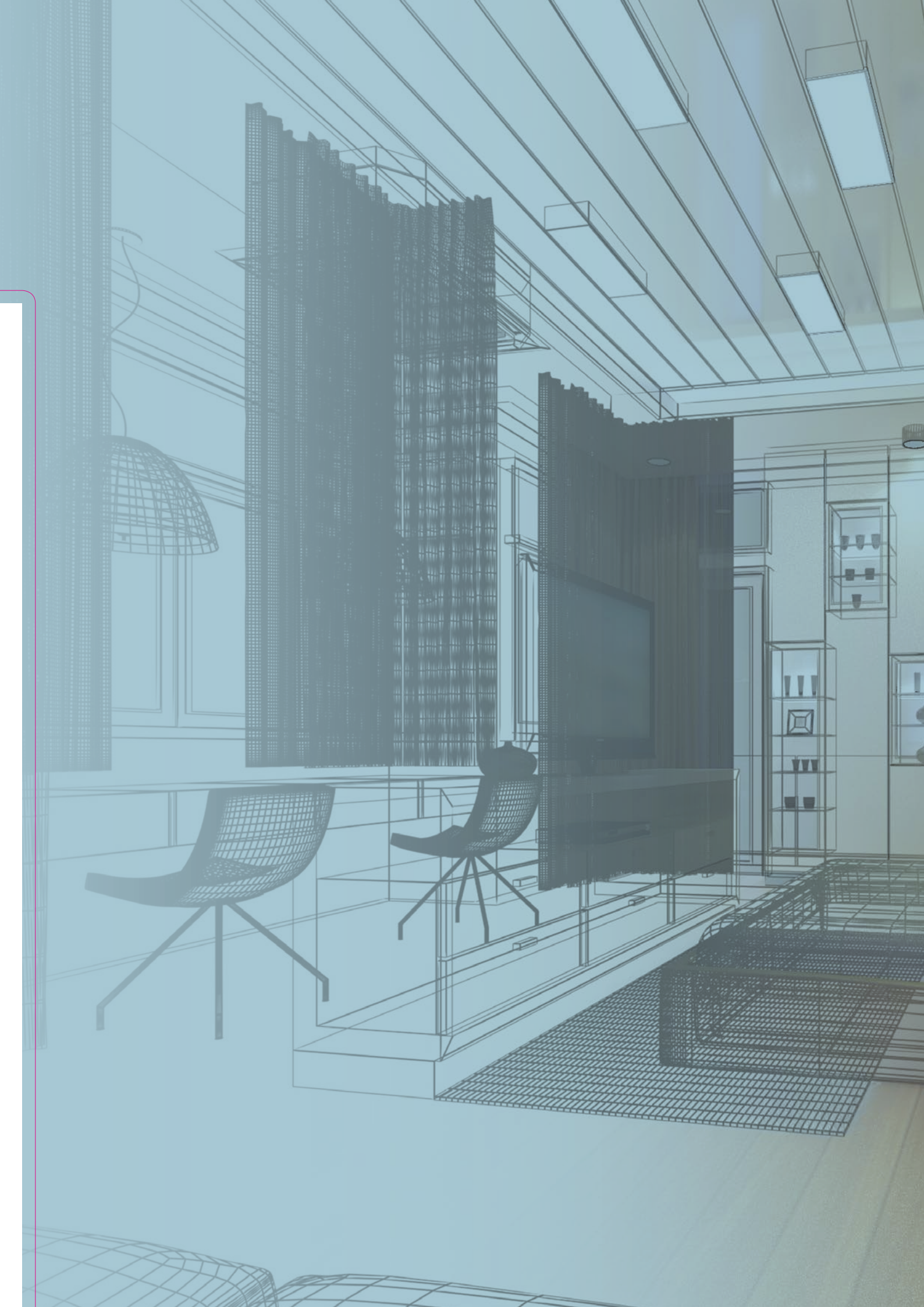
- penetrates deep into the base
- prevents wall dampening and salt efflorescence, lime leaching, growth of microorganisms (fungi and mold), premature erosion and soiling of facade surfaces
- improves the thermal insulation ability of the wall (due to less humidification)
- does not reduce the vapor permeability of the substrate
- does not change the appearance of the base



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	hydrophobing of all types of porous mineral materials (natural and artificial stone, concrete, train-cement, aerated concrete, clay and silicate bricks, plasters, etc.), when we want to preserve the natural appearance of the base.
CONSUMPTION:	0,5 – 2,0 l/m ² (0,5 – 2,0 m ² /l)
THINNING:	do not dilute
PACKAGING:	1 l / 4 l / 20 l
COLOUR SHADE:	colorless





FLOOR SURFACES

3.1	Industrial flooring (EP, PU, PAS)	85
3.2	Microcement systems	95
3.3	Parquet systems	101
	Technical information	112
3.4	Oils for parquet	115
3.5	Oils for terrace	115
3.6	Adhesives for floor coverings	119



3.1. INDUSTRIAL FLOORING (EP, PU, PAS)

QUALITY LEVEL	SYSTEM / PROPERTIES	PRIMER	SELF-LEVELLING WEARING LAYER	BROADCAST	TOP COAT
PREMIUM HIGH MECHANICAL PROTECTION (HD): Frequent passing of heavy forklifts and vehicles with hard wheels.	<ul style="list-style-type: none"> • HD2- PU Anti-slip or smooth surface, thickness: 2.0–3.0 mm; warehouses, industrial floors, UV resistant. 	<ul style="list-style-type: none"> • FLOOR EXPERT EP 101 0.3–0.5 kg/m² • FLOOR EXPERT EP 1013 0.3–0.5 kg/m² 	<ul style="list-style-type: none"> • FLOOR EXPERT PU 211 HE ~ 2 kg/m² 	<ul style="list-style-type: none"> • Option to achieve an anti-slip surface (R11): FLOOR EXPERT QUARTZ 0,3–0,9 ~5.0 kg/m² 	<ul style="list-style-type: none"> • *FLOOR EXPERT PAS 311 HE 2 layers, total consumption: 0.4–0.8 kg/m² or • *FLOOR EXPERT PU 310 2 layers, total consumption: 0.25 – 0.5 kg/m²
	<ul style="list-style-type: none"> • HD2 – EP Anti-slip surface, thickness ~4.0 mm; warehouses, production facilities with wet processes etc. 	<ul style="list-style-type: none"> • FLOOR EXPERT EP 101 0.3–0.5 kg/m² • FLOOR EXPERT EP 1013 0.3–0.5 kg/m² 	<ul style="list-style-type: none"> • FLOOR EXPERT EP 211M filled with FLOOR EXPERT QUARTZ 0,1–0,5 (mix ratio 1:0,5) consumption of the mixture 3.62 kg/m² 	<ul style="list-style-type: none"> • FLOOR EXPERT QUARTZ 0,3 – 0,9 ~5.0 kg/m² or • FLOOR EXPERT QUARTZ 0,6 – 1,2 ~5.0 kg/m² 	<ul style="list-style-type: none"> • FLOOR EXPERT EP 311 0.8–1.0 kg/m²
	<ul style="list-style-type: none"> • HD2 – OS8 Certified garage system Anti-slip surface, thickness ~2.5 mm; indoor garage floors (ground level), production facilities with wet processes etc. 	<ul style="list-style-type: none"> • FLOOR EXPERT EP 101 filled with FLOOR EXPERT QUARTZ 0,1–0,3 (mix ratio 1:1) Consumption of the mixture: 1.5–1.6 kg/m² 	<ul style="list-style-type: none"> • FLOOR EXPERT QUARTZ 0,6–1,2 ~5.0 kg/m² 	<ul style="list-style-type: none"> • FLOOR EXPERT EP 311 1.0–1.2 kg/m² 	
STANDARD MEDIUM MECHANICAL PROTECTION (MD) frequent passing of light forklifts, vehicles with soft wheels and pedestrians.	<ul style="list-style-type: none"> • MD1 Smooth surface, thickness 1.0–1.5 mm (glossy or matte appearance) 	<ul style="list-style-type: none"> • FLOOR EXPERT EP 101 0.3–0.5 kg/m² • FLOOR EXPERT EP 1013 0.3–0.5 kg/m² 	<ul style="list-style-type: none"> • FLOOR EXPERT EP 211 1.58–2.0 kg/m² 	<ul style="list-style-type: none"> • Option to achieve better surface protection and matte or semi gloss appearance. *FLOOR EXPERT PU 400W matte 0.1 kg/m² • *FLOOR EXPERT PU 300W matte/ semi-gloss 0.1 kg/m² 	
	<ul style="list-style-type: none"> • MD2 Smooth surface, thickness 1.0–1.5 mm (glossy or matte appearance) 	<ul style="list-style-type: none"> • FLOOR EXPERT EP 101 0.3–0.5 kg/m² • FLOOR EXPERT EP 1013 0.3–0.5 kg/m² 	<ul style="list-style-type: none"> • FLOOR EXPERT EP 311 1.47–2.0 kg/m² 	<ul style="list-style-type: none"> • Option to achieve better surface protection and matte or semi gloss appearance. *FLOOR EXPERT PU 400W matte 0.1 kg/m² • *FLOOR EXPERT PU 300W matte/ semi-gloss 0.1 kg/m² 	
ECONOMICAL LOWER MECHANICAL LOADS (LD) light traffic of vehicles with soft wheels and pedestrians.	<ul style="list-style-type: none"> • LD2 – PU Highly absorbent substrates, UV resistant. 	<ul style="list-style-type: none"> • FLOOR EXPERT EP 101 0.3–0.5 kg/m² 		<ul style="list-style-type: none"> • Option for anti-slip (R10/R11): FLOOR EXPERT QUARTZ 0,1–0,5 1.0–1.5 kg/m² or FLOOR EXPERT QUARTZ 0,3–0,9 1.0-1.5 kg/m² 	<ul style="list-style-type: none"> • FLOOR EXPERT PU 310 2 layers, total consumption: 0.25–0.5 kg/m²
	<ul style="list-style-type: none"> • LD3 – PAS Asphalt, bitumen and other elastic substrates, UV resistant. 	<ul style="list-style-type: none"> • FLOOR EXPERT EP 101E 0.3–0.5 kg/m² 		<ul style="list-style-type: none"> • Option for anti-slip (R10/R11): FLOOR EXPERT QUARTZ 0,1–0,5 1.0–1.5 kg/m² or FLOOR EXPERT QUARTZ 0,3–0,9 1.0-1.5 kg/m² 	<ul style="list-style-type: none"> • FLOOR EXPERT PAS 311 HE 2 layers, total consumption: 0.6–0.8 kg/m²
	<ul style="list-style-type: none"> • LD1 – EPW Substrates of medium absorbency exposed to lower mechanical loads. 	<ul style="list-style-type: none"> • FLOOR EXPERT EP 310 W 0.2–0.3 kg/m² 			<ul style="list-style-type: none"> • FLOOR EXPERT EP 310 W 1–2 layers, total consumption: 0.4–0.6 kg/m²
	<ul style="list-style-type: none"> • LD2 – EPW Highly absorbent surfaces exposed to frequent traffic. 	<ul style="list-style-type: none"> • FLOOR EXPERT EP 101 0.3–0.5 kg/m² • FLOOR EXPERT EP 1013 0.3–0.5 kg/m² 		<ul style="list-style-type: none"> • Option for anti-slip (R10/R11): FLOOR EXPERT QUARTZ 0,1–0,5 1.0–1.5 kg/m² or FLOOR EXPERT QUARTZ 0,3–0,9 1.0-1.5 kg/m² 	<ul style="list-style-type: none"> • FLOOR EXPERT EP 310 W 2 layers, total consumption: 0.4 –0.6 kg/m²
	<ul style="list-style-type: none"> • LD3 – EP Substrates exposed to stronger mechanical and chemical loads. 	<ul style="list-style-type: none"> • FLOOR EXPERT EP 101 0.3–0.5 kg/m² • FLOOR EXPERT EP 1013 0.3–0.5 kg/m² 		<ul style="list-style-type: none"> • Option for anti-slip (R10/R11): FLOOR EXPERT QUARTZ 0,1–0,5 1.0–1.5 kg/m² or FLOOR EXPERT QUARTZ 0,3–0,9 1.0-1.5 kg/m² 	<ul style="list-style-type: none"> • FLOOR EXPERT EP 311 2 layers, total consumption: 0.4 – 0.8 kg/m²
AUXILIARY PRODUCTS			<ul style="list-style-type: none"> • FLOOR EXPERT T/A THICKENER 	<ul style="list-style-type: none"> • FLOOR EXPERT QUARTZ • FLOOR EXPERT COLOURFLAKES 	<ul style="list-style-type: none"> • FLOOR EXPERT EP CLEAR TOP • FLOOR EXPERT CLEANER • NEOSTIK PU SEALANT BOND&SEAL

Primer

FLOOR EXPERT EP 101

Two-component primer based on epoxy resin, solvent-free



- penetrates deeply into the substrate
- blocks moisture in the substrate, up to 4%
- excellent surface adhesion
- easy application

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	primer for concrete floors and cement surfaces with moderate to strong absorption. Binder for epoxy mortars with quartz sand.
CONSUMPTION:	Example: 0.30 – 0.50 kg/m ² Epoxy mortar up to 1 mm thick (Floor Expert EP 101: quartz sand – 1:0.5): 1.2 – 1.4 kg/m ² / 1 mm coat Epoxy mortar up to 2 mm thick (Floor Expert EP 101: quartz sand – 1:1): 1.6 kg/m ² / 1 mm coat Epoxy screed 15–20 mm (Floor Expert EP 101: quartz sand – 1:10): 2.4 kg/m ² / 1 mm coat
MIXING RATIO:	By weight: component A : component B 66.9 : 33.1
PACKAGING UNITS:	25 kg (A+B) 10 kg (A+B)

FLOOR EXPERT EP 101E

2K elastic primer based on flexible epoxy resin, solvent-free



- elastic, bridges static cracks in substrate
- blocks the moisture in the substrate up to 4%
- high bond strength to the substrate
- resistant to mechanical load

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	primer for asphalt, tarmac, and other elastic substrates. Also used as binder for levelling mortars and mortar screeds.
CONSUMPTION:	Primer: 0.30–0.60 kg/m ² Mortar screed thickness up to 1 mm: 1.45 kg/m ² (FLOOR EXPERT EP 101E: Quartz sand - 1:0.5) for 1 mm layer Mortar screed thickness of 2 mm: 1.63 kg/m ² (FLOOR EXPERT EP 101E: Quartz sand - 1:1) for 1 mm layer Mortar screed/ Repair mortar, 15–20 mm layer thickness 2.2 kg/m ² (FLOOR EXPERT) EP 101E: Quartz sand - 1:8) for 1 mm layer
MIXING RATIO:	By weight: component A : component B 80 : 20
PACKAGING UNITS:	20 kg (A+B)

FLOOR EXPERT EP 1013

Two-component economic primer based on epoxy resin, solvent-free



- penetrates deeply into the substrate
- blocks moisture in the substrate, up to 4%
- excellent surface adhesion
- easy application

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	primer for concrete floors and cement surfaces with moderate to strong absorption. Binder for epoxy mortars with quartz sand.
CONSUMPTION:	Example: 0.30 – 0.50 kg/m ² Epoxy mortar up to 1 mm thick (Floor Expert EP 1013: quartz sand – 1:0.5): 1.7 kg/m ² / 1 mm coat Epoxy mortar up to 2 mm thick (Floor Expert EP 1013: quartz sand – 1:1): 1.9 kg/m ² / 1 mm coat Leveling compound, layer thickness 15 – 20 mm (Floor Expert EP 1013: quartz sand – 1:8): 2.2 kg/m ² / 1 mm coat
MIXING RATIO:	By weight: component A: component B 76.9 : 23.1
PACKAGING UNITS:	20 kg (A+B)

Self-levelling wearing layer

FLOOR EXPERT PU 211HE

Two-component hard elastic self-levelling floor coating based on polyurethane resin, solvent-free



- flexible, hard-elastic
- resistant to wear
- good mechanical resistance
- fulfils high hygiene standards
- possible to obtain an anti-slip surface

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	used as self-levelling wearing layer in PU Floor Expert systems for the protection and decoration of concrete floors and cement glazes that are exposed to medium to strong mechanical and chemical wear. Suitable for use in industrial plants, garages and public buildings such as hospitals, schools, commercial premises, etc.
CONSUMPTION:	1.35 kg/m ² / 1 mm coat thickness
MIXING RATIO:	By weight: component A : component B 81.3 : 18.7
PACKAGING UNITS:	25 kg (A+B)
COLOUR SHADES:	RAL colour chart

FLOOR EXPERT EP 211

Two-component pigmented self-levelling floor coating based on epoxy resin, solvent-free



- exceptional resistance to abrasion, water and chemicals
- quartz sand can be added (economical thick-layer protection)
- functional layer in the system with an anti-slip surface

INSTRUCTIONS FOR USE

AREA OF APPLICATION: self-levelling floor coating for the protection and decoration of concrete floor surfaces and cement surfaces exposed to medium to high mechanical and chemical loads (warehouses, workshops, production facilities, garages, laboratories, loading ramps, etc.). Possibility of obtaining an anti-slip floor surfaces in garages and production facilities with so-called "wet processes".

CONSUMPTION: Approx. 2.0 kg /m² of mixture for a thickness of 1 mm (1.3 kg of resins mixture (A+B); 0.7 kg quartz sand) Floor Expert quartz 0.1-0.5

MIXING RATIO: By weight: component A: component B
83.3 : 16.7

PACKAGING UNITS: 25 kg (A+B)

COLOUR SHADES: RAL colour chart

FLOOR EXPERT EP 211M

Two-component self-levelling flooring screed based on epoxy resins, solvent-free



- exceptional mechanical resistance;
- can be filled with silica sand (economical protection in thicker layers);
- a functional layer in systems with an anti-slip surface

INSTRUCTIONS FOR USE

AREA OF APPLICATION: hardening and leveling of concrete surfaces and cement glazes that are exposed to medium to strong mechanical and chemical treatments (warehouses, workshops, production facilities, garages, laboratories, loading ramps, etc.) and as a bearing layer in the broadcasted screed system with slip resistant floor surface in garages and production facilities with the so-called "wet processes".

CONSUMPTION: Self-leveling floor screed of 1.0 mm thickness: 1.56 kg/m²
Self-leveling floor screed up to 2.0 mm thickness (Floor Expert EP 211M (A+B); FLOOREXPERT QUARTZ 0.1 – 0.5/1:0.5): 1.81 kg/m² for 1 mm thickness

MIXING RATIO: By weight: component A: component B
83.3: 16.7

PACKAGING UNITS: 25 kg (A+B)

Top coat

FLOOR EXPERT PAS 311 HE

2K hard-elastic pigmented topcoat based on polyaspartic resin, solvent-free, resistant to UV radiation



- resistant to wear and resistant to the action of water and chemicals (see the resistance table)
- solvent-free
- short hardening time (the floor is ready for foot traffic after approx. 1 hour)
- UV stable
- can be applied directly to concrete
- compatible with different substrates (PU, EP, ++)
- excellent mechanical resistance

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	finishing layer on Floor expert EP and PU flooring systems exposed to external conditions. Pigmented topcoat in industry facilities, laboratories, showrooms, warehouses, garages, etc.
CONSUMPTION:	Application by roller in two layers on a smooth surface: 0.4 – 0.6 kg/m ²
MIXING RATIO:	Comp. A: Comp. B – 74 : 26
PACKAGING UNITS:	18 kg (A+B) 6 kg (A+B)
COLOUR SHADES:	RAL colour chart

FLOOR EXPERT PU 310

Two-component hard-elastic acrylic-polyurethane solvent-based topcoat



- resistant to wear and to external weather conditions
- excellent adhesion to the substrate
- easy to clean and maintain by washing
- possibility of application on flexible substrates

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	as the top coat on EP and PU Floor expert systems for the protection and decoration of interior and exterior concrete floor surfaces.
CONSUMPTION:	0.15 – 0.4 kg/m ² per coat
MIXING RATIO	By weight: component A : component B 84 : 16
PACKAGING UNITS:	6 kg (A+B) 18 kg (A+B)
COLOUR SHADES:	RAL colour chart

FLOOR EXPERT EP 310W

Two-component waterborne epoxy coating



- water-dilutable
- dry film is resistant to abrasion and resistant to the effects of water and chemicals (see chemical resistance list)
- excellent adhesion to the substrate
- easy to clean and maintain by washing
- has a short curing time
- creates a barrier to CO₂

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	top coat for the protection and decoration of concrete floor surfaces exposed to low or medium mechanical and chemical loads (warehouses, production facilities, garages, laboratories, etc.). Protection of wall surfaces, exposed to moisture, chemical and stronger mechanical loads. Used for the protection and decoration of walls and floors covered with ceramic tiles.
CONSUMPTION:	0.2 – 0.3 kg/m ² per layer
MIXING RATIO:	By weight: component A : component B 76.9 : 23.1
PACKAGING UNITS:	18 kg (A+B) 6 kg (A+B)
COLOUR SHADES:	RAL colour chart

FLOOR EXPERT EP 311

Two-component pigmented topcoat based on epoxy resin, solvent-free



- resistant to abrasion, water and chemicals
- excellent surface adhesion
- fast curing
- can be used in thicker layers and is mixed with quartz sand

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	pigmented topcoat that is applied by roller or trowel for protection and decoration of concrete floor surfaces exposed to moderate to medium heavy mechanical and chemical wear (warehouses, workshops, production facilities, garages, laboratories, exhibition and sales rooms, etc.); Seal coat in slip resistant systems: garages, manufacturing facilities with so-called "wet processes".
CONSUMPTION:	Roller application: 0.2 – 0.3 kg/m ² in one layer Smooth layer 1 mm thick, applied by trowel: 1.47 kg/m ²
MIXING RATIO	By weight: component A : component B 80.6 : 19.4
PACKAGING UNITS:	25 kg (A+B)
COLOUR SHADES:	RAL colour chart

FLOOR EXPERT PU 300W

Two-component waterborne matt transparent topcoat based on polyurethane resin



- matt appearance
- resistance to water and chemicals
- increased scratch resistance
- easy maintenance

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	transparent topcoat on EP and PU floor coatings for achieving matt surface appearance and as an extra protection for the floor covering with decorative colored flakes.
CONSUMPTION:	0.08 – 0.12 l/m ² in one coat
MIXING RATIO:	By weight: component A : component B 90.9 : 9.1
PACKAGING UNITS:	5 kg (A+B) / 15 kg (A+B)

FLOOR EXPERT PU 400W

Two-component waterborne matt transparent topcoat based on polyurethane resin



- matt surface appearance
- resistant to tire marks
- increased hardness, wear, and scratch resistance
- very low odour
- easy maintenance of the floor

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	transparent seal coat on EP and PU floor coatings for achieving matt surface appearance and as an extra protection for the floor covering with decorative coloured flakes.
CONSUMPTION:	0.08 – 0.12 kg/m ² per layer
MIXING RATIO:	By weight: component A : component B 84.75 : 15.25
PACKAGING UNITS:	5 kg (A+B) 2 kg (A+B)

Complementary products

FLOOR EXPERT THICKENER

Powdery material based on PE fibers



- easy mixing into the materials based on reactive resins
- resistant to light, weathering, and alkalis
- prevents sagging of the material applied on vertical and slanted surfaces
- enables a structured surface appearance (an anti-slip effect).
- adjusts consistency of the epoxy mortars for trowel application

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	adjusting the consistency (thickening) of floor Floor Expert products based on organic resins.
CONSUMPTION:	1 – 10% per product (A+B), depending on the desired thickening effect
PACKAGING UNITS:	1 kg / 10 kg

FLOOR EXPERT QUARTZ

Quartz sand



- dried quartz sand (moisture content: < 0,1 %)
- round grain shape
- high purity
- uniform bright color

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	it is used for filling epoxy resin mortars and broadcasting in flooring systems based on epoxy and polyurethane resins.
CONSUMPTION:	Broadcasted on the primer in the thin layer coatings system to improve the adhesion of the next layer and / or to achieve the anti-slip surface: 0.5 – 1.0 kg/m ² Broadcasted on the epoxy mortar until the saturation, to increase the layer thickness, improve the mechanical properties and to achieve an anti-slip surface: 4 to 6 kg/m ² As a filler for self-levelling epoxy coatings (addition 50%): ca. 0.7 kg/m ² per 1 mm film layer thickness.
GRANULATION:	0.1 – 0.3 / 0.1 – 0.5 / 0.3 – 0.9 / 0.7 – 1.2 mm
PACKAGING UNITS:	25 kg

FLOOR EXPERT COLOUR FLAKES

Decorative flakes



- thin slices (approx. 120 microns) - a large specific surface area
- no need for protective transparent topcoat
- fire resistant
- by mixing different color flakes, various decorative effects can be obtained

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	decorative floor coatings based on epoxy, polyurethane and acrylic resins. The flakes should be sprinkled on the freshly applied coating layer to achieve an interesting multicolored effect.
CONSUMPTION:	For contrast application (20% substrate cover): 0.02 – 0.03 kg/m ²
PACKAGING UNITS:	0.5 kg
COLOUR SHADES:	white, light gray, dark gray, black, orange, beige, gray-blue, blue, oxide red, shiny silver, shiny gold, glow in the dark

FLOOR EXPERT EP CLEAR TOP

2K transparent epoxy resin, solvent-free



- transparent high gloss finish;
- hardening without volumetric shrinkage
- high mechanical resistance
- a wide range of decorative techniques (metallic flooring, photo-flooring etc.)
- excellent substrate wetting and flowing properties

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	transparent top-coat as a decorative finish in flooring systems for obtaining different decorative effects and surface-strengthening of the system.
CONSUMPTION:	As a transparent layer applied with a roller: 0.4–0.6 kg/m ² Application with a trowel: 1.10 kg/m ² for 1 mm thickness
MIXING RATIO:	By weight: component A: component B 66.7 : 33.3
PACKAGING UNITS:	10 kg (A+B)

FLOOR EXPERT CLEANER

Cleaning agent for tools and thinner



- cleaning of the unhardened residues of Floor Expert products from application tools and machines
- dilution of Floor Expert products to adjust the viscosity for the application

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	solvent mixture for cleaning tools, containers and contaminated surfaces after application of Floor Expert products and thinning of Floor Expert products based on reactive resins to adjust the application density.
CONSUMPTION:	depends on usage
PACKAGING UNITS:	4 l

NEOSTIK PU SEALANT BOND&SEAL

Polyurethane adhesive sealant for elastic joints and the adhesion of various materials



- thixotropic
- can be painted
- UV+
- durability
- elasticity
- high chemical resistance



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	various seals, concrete/concrete, construction, industrial floors, construction. Adhesion/sealing of: aluminium, steel, copper, PVC, concrete, brick, wood, ceramics, metal, styrofoam and some types of plastics.
PACKAGING UNITS:	300 ml ALU cartridge (white, grey) 600 ml (grey)
COLOUR SHADES:	white, grey



3.2 MICROCEMENT SYSTEMS

USE	STEP 1	STEP 2	STEP 3	STEP 4	STEP 5
WALL SYSTEM	 <ul style="list-style-type: none"> • MicroTopp grund 1 layer 	 <ul style="list-style-type: none"> • MicroTopp BC 1 layer 	 <ul style="list-style-type: none"> • MicroTopp FC 1 layer 	 <ul style="list-style-type: none"> • MicroTopp PU 300 W 3 layers 	
FLOOR SYSTEM (MD-LD)	 <ul style="list-style-type: none"> • MicroTopp grund 1 layer 	 <ul style="list-style-type: none"> • MicroTopp BC 2 layer 	 <ul style="list-style-type: none"> • MicroTopp FC 1 layer 	 <ul style="list-style-type: none"> • MicroTopp PU 300 W 2 layers 	 <ul style="list-style-type: none"> • MicroTopp PU 400 W 1 layer
FLOOR SYSTEM (HD)	 <ul style="list-style-type: none"> • Floor Expert EP 101 + quartz sand 1 layer 	 <ul style="list-style-type: none"> • MicroTopp BC 2 layer 	 <ul style="list-style-type: none"> • MicroTopp FC 1 layer 	 <ul style="list-style-type: none"> • MicroTopp PU 300 W 2 layers 	 <ul style="list-style-type: none"> • MicroTopp PU 400 W 1 layer
WET ROOMS SYSTEM	 <ul style="list-style-type: none"> • MicroTopp grund 1 layer 	 <ul style="list-style-type: none"> • MicroTopp BC 2 layer 	 <ul style="list-style-type: none"> • MicroTopp FC 1 layer 	 <ul style="list-style-type: none"> • MicroTopp PU 300 W 2 layers 	 <ul style="list-style-type: none"> • MicroTopp PU 400 W 1 layer
AUXILIARY PRODUCTS	<ul style="list-style-type: none"> • reinforcing facade mesh 				

Step 1

MicroTopp grund

Primer based on synthetic resin and mineral fillers



- excellent adhesion on porous and vitreous substrates
- prevents loss of water into the substrate
- increases durability
- ready to use
- easy to use



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	particularly for use as primer for MicroTopp decorative masses. On mineral substrates, cementitious coatings and old ceramic tiles.
APPLICATION TEMPERATURE:	From +5 °C to +30 °C
CONSUMPTION:	Approx. 0,2–0,3 kg/m ² depends on the porosity and absorption of the surface
PACKAGING UNITS:	5 kg, 20 kg

FLOOR EXPERT EP 101

Two-component primer based on epoxy resin, solvent-free



- penetrates deep under the surface
- blocks moisture in the surface, up to 4%
- excellent surface adhesion
- easy application

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	primer for concrete floors and cement surfaces with moderate to strong absorption. Binder for epoxy mortars with quartz sand.
CONSUMPTION:	Example: 0.30 – 0.50 kg/m ² Epoxy mortar up to 1 mm thick (Floor Expert EP 101: quartz sand – 1:0.5): 1.2 – 1.4 kg/m ² / 1 mm coat. Epoxy mortar up to 2 mm thick (Floor Expert EP 101: quartz sand – 1:1): 1.6 kg/m ² / 1 mm coat. Leveling compound layer thickness 15–20 mm (Floor Expert EP 101: quartz sand – 1:10): 2.4 kg/m ² / 1 mm coat.
MIXING RATIO:	By weight: component A : component B 66.9 : 33.1
PACKAGING UNITS:	25 kg (A+B) 10 kg (A+B)

FLOOR EXPERT QUARTZ

Quartz sand

- excellent for increasing load capacity
- compatible with all Floor Expert systems

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	filler and decorative additive for the manufacture of floors based on epoxy resin. Compatible with all ingredients of epoxy resin. Ideal for producing a self-leveling floor system due to the round grain in the granulation.
CONSUMPTION:	depends on the composition of the epoxy coating and the installation techniques. Can be used for mixing, sprinkling and making epoxy mortars for remedial treatment, and for filling and leveling damaged surfaces.
GRANULATION:	0.1 – 0.3 / 0.1 – 0.5 / 0.3 – 0.9 / 0.7 – 1.2 mm
PACKAGING UNITS:	25 kg

Step 2

MicroTopp BC

Microcement base coat, 2K polymercement mortar



- continuous decorative coating without fissures (always respect the expansion joints)
- applicable on any type of surfaces: concrete, cement, ceramic, plasterboard, etc.
- excellent workability
- wide range of colours
- high adhesion to substrates



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for protection of new and renovation of old floors, walls and other surfaces. For surface preparation before application of MicroTopp FC decorative cement.
APPLICATION TEMPERATURE:	From +5 °C to +30 °C
MIXING RATIO (BY WEIGHT):	Component A : Component B – 30 : 100 Pot life of the mixed mixture: approx. 5 hours
CONSUMPTION:	Approximately 1,0 kg/m ² per layer
PACKAGING UNITS:	3 kg + 10 kg (13 kg), 6 kg + 20 kg (26 kg)

Step 3

MicroTopp FC

Decorative microcement coat, 2K polymercement mortar



- continuous decorative coating without fissures always respect the expansion joints
- applicable on any type of surfaces: concrete, cement, ceramic, plasterboard, etc.
- excellent workability
- wide range of colours
- high adhesion to substrates



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for protection of new and renovation of old floors, walls and other surfaces. For surface preparation before application of MicroTopp finishing top coat.
APPLICATION TEMPERATURE:	From +5 °C to +30 °C
CONSUMPTION:	Approximately 0,6 kg/m ² per layer
MIXING RATIO (BY WEIGHT):	Component A: Component B – 30 : 100 Pot life of the mixed mixture: approx. 5 hours
PACKAGING UNITS:	1.5 kg + 5 kg (6.5 kg), 3 kg + 10 kg (13 kg)

Step 4

MicroTopp PU 300 W

2K transparent matt finishing coat on the basis of aqueous dispersion and polyurethane resin



- matt appearance
- resistance to water and chemicals
- increased scratch resistance
- easy maintenance



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	transparent coating for MicroTopp wall and floor systems to achieve a matt surface and additional protection against damage caused by mechanical and chemical influences.
CONSUMPTION:	0.08 – 0.12 l/m ² in one coat
MIXING RATIO:	In terms of weight: component A : component B 90.9 : 9.1
PACKAGING UNITS:	5 kg (A+B) / 15 kg (A+B)

Step 5

MicroTopp PU 400 W

Two-component waterborne matt transparent topcoat based on polyurethane resin

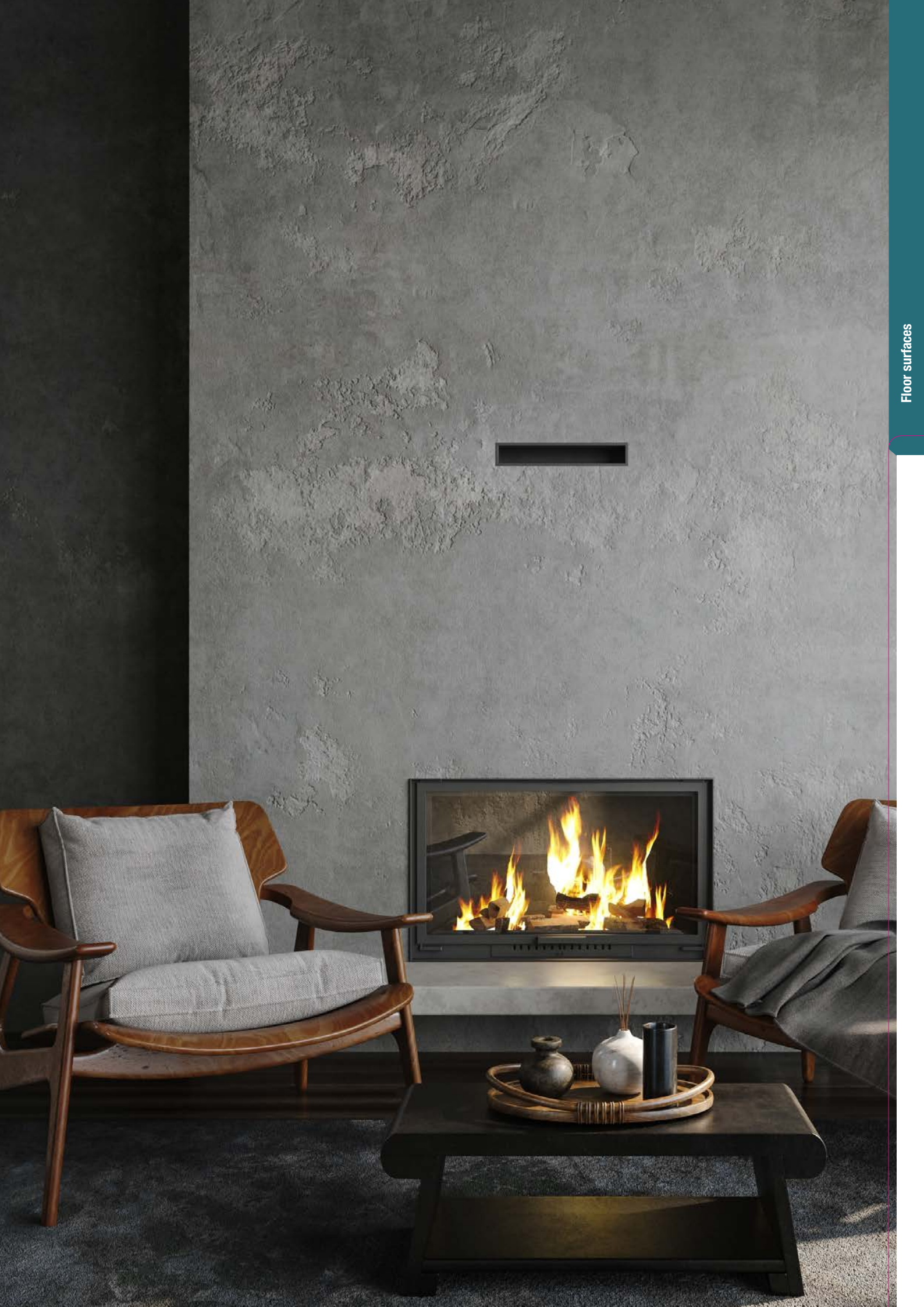


- matt surface appearance
- resistant to tire marks
- increased hardness, wear, and scratch resistance
- very low odour
- easy maintenance of the floor



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	transparent seal coat on MicroTopp flooring systems for achieving matt surface appearance and as an extra protection against damage caused by mechanical and chemical influences.
CONSUMPTION:	0.08 – 0.12 kg/m ² per layer
MIXING RATIO:	Comp. A: Comp. B – 84.75 : 15.25 (100 : 18)
PACKAGING UNITS:	5 kg (A+B) Component A: 4.24 kg Component B: 0.76 kg Coverage: 50 m ² (application in one layer on a smooth surface) 2 kg (A+B) Component A: 1.70 kg Component B: 0.30 kg Coverage: 20 m ² (application in one layer on a smooth surface)





3.3 PARQUET SYSTEMS

QUALITY LEVEL	STEP 1	STEP 2	STEP 3	STEP 4	STEP 5
PREMIUM	 • CHROMODEN PR 25	 • CHROMODEN E-PU 280 2K adhesive for parquets	 • CHROMODEN AQUA puttying liquid F22	 • CHROMODEN AQUA 2K BASE LBP PU-P • CHROMODEN AQUA 1K primer LBP PU-P70	 • CHROMODEN AQUA 2K LBP PU 590 (Gloss); PU 560 (semi-matt); PU540 (matt); PU 510 (extra matt); PU 505 (invisible)
STANDARD	 • CHROMODEN PR 25	 • CHROMODEN E-PU 280 2K adhesive for parquets	 • CHROMODEN lacuna za kitanje puttying liquid	 • CHROMODEN 2K PU, LBP primer • CHROMODEN IMPREGNATION	 • CHROMODEN 2K PU LBP (gloss, semi-matt, matt, extra matt)
ECONOMICAL	 • CHROMODEN PR 25	 • CHROMODEN PU 259 2K adhesive for parquets	 • IDEAL liquid for joints DS	 • IDEAL 2 K PU basic LBP DS	 • IDEAL 2K PU LBP DS (gloss, semi-matt)
SPORT HALLS		 • CHROMODEN AQUA 2K TEMELJNI LBP PU-P • CHROMODEN AQUA 1K primer LBP PU-P 70	 • CHROMODEN AQUA 2K PUR LBP for SH matt	 • Lines: HELIODUR 2K	 • CHROMODEN AQUA 2K PUR LBP FOR SH matt
AUXILIARY PRODUCTS	 • CHROMODEN thinner 14	 • CHROMODEN AQUA REPAIR	 • CHROMODEN slowing agent for PU lacquer semi-matt, gloss • CHROMODEN AQUA slowing agent	 • CHROMODEN aqua G29 for joints G29 • CHROMODEN UNIVERSAL GEL for joints • CHROMODEN TRANSPARENT	 • IDEAL tool cleaning agent • CHROMODEN agent for cleaning tools • NEOSTIK FIX EXPRESS • NEOSTIK FIX CLASSIC

Step 1

CHROMODEN PR 25

Primer based on isocyanate



- penetrates deep under the surface
- blocks moisture in the surface, up to 3%
- excellent surface adhesion
- easy application



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the preparation of absorbent and non-absorbent surfaces prior to applying CHROMODEN two-component adhesives for parquet. It is used for anti-dust and cementitious substrate consolidation and for moisture control of cementitious substrate with moisture content up to 3% (carbide method).
CONSUMPTION:	0.10 – 0.15 l/m ² – anti-dust consolidation 0.18 – 0.23 l/m ² – substrate consolidation 0.18 – 0.23 l/m ² – moisture control
PACKAGING UNITS:	4 l
SYSTEM:	CHROMODEN PR 25 CHROMODEN PU 259 or CHROMODEN E-PU 280

Step 2

CHROMODEN E-PU 280

Two-component epoxy polyurethane adhesive based on reactive resins, fillers and additives



- does not contain water
- slower curing
- easy to remove from prefinished wood flooring
- for gluing exotic parquet and dimensionally unstable parquet such as beech and ash.
- extremely long open time – 2 hours
- for parquets 150 cm long and 7 cm wide



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the adhesion of parquet of large dimensions (boards), laminate flooring and parquet of small dimensions (lamellar parquet) on absorbent and non-absorbent surfaces, tiles from natural stone, ceramic tiles and metal.
CONSUMPTION:	0.8 – 1.3 kg/m ²
PACKAGING UNITS:	9 kg - component A 0.75 kg - component B
SYSTEM:	CHROMODEN PR 25 CHROMODEN E-PU 280

CHROMODEN PU 259

Two-component polyurethane adhesive based on reactive resins, fillers and additives



- does not contain water, solvent or amines
- longer pot life compared to standard PU adhesives
- higher temperature resistant, suitable for underfloor heating
- cures by chemical reaction regardless of the thickness of the adhesive
- for parquets 250 cm long and 14 cm wide



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the adhesion of parquet of large dimensions (boards), laminate flooring and parquet of small dimensions (lamellar parquet) on absorbent and non-absorbent surfaces, tiles from natural stone, ceramic tiles and metal.
CONSUMPTION:	0.8 – 1.3 kg/m ²
PACKAGING UNITS:	9 kg, 13 kg - component A 0.9 kg, 1.3 kg - component B
SYSTEM:	CHROMODEN PR 25 CHROMODEN PU 259

CHROMODEN AQUA 1K primer LZP PU-P 70

Single-component aqueous polyurethane colourless base lacquer with special additives



- preserves the natural colour of the wood
- prevents hair growth
- perfectly fills pores and smaller slits
- extremely strong
- sands very well



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	used in the parquet treatment system with CHROMODEN AQUA 1K PU and 2K PU single-component and two-component polyurethane parquet lacquers.
----------------------	--

CONSUMPTION:	1 l / 10 – 12 m ²
--------------	------------------------------

PACKAGING UNITS:	11 / 5 l
------------------	----------

CHROMODEN AQUA 2K BASE parquet lacquer

Two-component aqueous polyurethane base lacquer with special additives



- even out the colour of parquet
- minimally raises wooden hairs
- excellently fills pores and smaller joints
- quick drying (2–3h)



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	used in the parquet treatment system with CHROMODEN AQUA 1K PU and 2K PU single-component and two-component polyurethane parquet lacquers.
----------------------	--

CONSUMPTION:	1 l / 10 – 12 m ² / sloj (cca 0.08- 0.1 l/m ²)
--------------	---

PACKAGING UNITS:	5+0.5 l
------------------	---------

Step 3

CHROMODEN AQUA puttying liquid F22

Single-component quick-drying colourless liquid made on the basis of water-thinnable binders



- easy to apply
- dries quickly



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for rough coating and filling of slits and minor cracks in the system of surface treatment of wooden surfaces (parquet) with CHROMODEN aqueous lacquers.
----------------------	--

CONSUMPTION:	1 l / 8 – 15 m ²
--------------	-----------------------------

PACKAGING UNITS:	5 l
------------------	-----

CHROMODEN puttying liquid

Single-component quick-drying colourless liquid made on the basis of solvents



- contains high-quality modified binders



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for rough coating, filling of joints, minor cracks in the system of surface treatment of wooden surfaces (parquet) with polyurethane and other lacquers.
CONSUMPTION:	1 l / 10 – 15 m ²
PACKAGING UNITS:	1 l / 4 l / 10 l

IDEAL puttying liquid DS

Liquid for preparing putty for grouting parquet surfaces prior to the application of lacquer



- one-component liquid for putty preparation



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	grouting parquet surfaces before the application of IDEAL trademark lacquers.
CONSUMPTION:	1 l covers 8 – 10 m ² of surface in 1 coat
THINNING:	ready for use
PACKAGING UNITS:	5 l

CHROMODEN AQUA 2K PUR LZP FOR SH matt

Two-component aqueous polyurethane colourless matt lacquer with special additives



- extremely long-lasting
- resistant to loads



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the high-quality protection of parquet in sports halls where the aim is to achieve the effect of slight gloss and to reduce the slipperiness of the surface. Complies with DIN 18032 and EN 14904 I EN 13036-4, which means that it has all the characteristics of the sports floor, prevents uncontrolled skidding on the parquet floor with athletes' sudden movements in medium and heavy load spaces (sports halls, business premises, pharmacies, kindergartens).
CONSUMPTION:	1 l / 10 – 12 m ²
PACKAGING UNITS:	5 + 0.5 l

Step 4

CHROMODEN AQUA 2K BASE parquet lacquer

Two-component aqueous polyurethane base lacquer with special additives



- even out the colour of parquet
- minimally raises wooden hairs
- excellently fills pores and smaller joints
- quick drying (2–3h)



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	used in the parquet treatment system with CHROMODEN AQUA 1K PU and 2K PU single-component and two-component polyurethane parquet lacquers.
CONSUMPTION:	1 l/10 – 12 m ² /sloj (cca 0.08- 0.1 l/m ²)
PACKAGING UNITS:	5+0.5 l

CHROMODEN AQUA 1K primer LZF PU-P70

Single-component aqueous polyurethane colourless base lacquer with special additives



- preserves the natural colour of parquet
- prevents hair growth
- perfectly fills pores and smaller slits
- extremely strong
- sands very well



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	used in the parquet treatment system with CHROMODEN AQUA 1K PU and 2K PU single-component and two-component polyurethane parquet lacquers.
CONSUMPTION:	1 l / 10 – 12 m ²
PACKAGING UNITS:	1 l / 5 l

CHROMODEN 2K PU, primer LZF

Two-component polyurethane colourless base lacquer with special additives



- perfectly fills pores and smaller joints
- sands very well
- quick drying (2 – 3h)
- option to lacquer on parquet painted with CHROMODEN transparent
- does not darken the colour of joints



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	used as a base lacquer in the parquet treatment system with CHROMODEN parquet lacquers.
CONSUMPTION:	1 l / 10 m ² in one application
PACKAGING UNITS:	1+1l / 4+4l / 10+10l

CHROMODEN IMPREGNATION

Single-component quick drying colourless impregnation based on high-quality modified resins



INSTRUCTIONS FOR USE

AREA OF APPLICATION: used as an insulating layer in the surface treatment system for wooden surfaces (parquet) with polyurethane and other lacquers. Maintains the natural colour of the wood and is recommended for exotic wood types and the renovation of old parquet. Do not sand.

CONSUMPTION: 11 / 8 – 15 m²

PACKAGING UNITS: 11 / 41 / 101

IDEAL 2K PU basic LZP DS

Priming two-component lacquer



- quick-drying
- easy sanding



INSTRUCTIONS FOR USE

AREA OF APPLICATION: priming lacquer when applying the IDEAL 2K polyurethane parquet lacquer DS/for high wear parquet surfaces.

THINNING: ready for use

CONSUMPTION: 11 covers 18 – 22 m² of surface in 1 application with a spatula and 8 – 10 m² with a roller

PACKAGING UNITS: 10 l lacquer, 10 l hardener mixing ratio 1 : 1

HELIODUR 2K enamel UM

Polyurethane coating for lines

- wide range of shades in the system 2K PU MIX (RAL, Monicolor)
- quick-drying
- easy to apply



INSTRUCTIONS FOR USE

AREA OF APPLICATION: HELIODUR enamel is used in sports halls for marking lines, coloured fields, sponsors' signs... Apply it before the final application of the finishing lacquer.

THINNING: ready for use

APPLICATION: roller

PACKAGING UNITS: enamel 1 kg, hardener 0.5 kg, mixing ratio 2:1

Step 5

CHROMODEN AQUA 2K LZP PU 590 gloss

Two-component aqueous polyurethane colourless lacquer with special additives



- extremely long-lasting
- exceptional hardness
- wear-resistant



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for the high-quality protection and decoration of parquet and other wooden surfaces to achieve a protective gloss lacquer in rooms with medium and high loads (halls, offices, pharmacies, kindergartens).

CONSUMPTION: 11 / 10 – 12 m²

PACKAGING UNITS: 5 + 0.5 l / 1 + 0.1 l

CHROMODEN AQUA 2K lacquer for parquets PU 560 semi-matt, CHROMODEN AQUA 2K lacquer for parquets PU 540 matt, CHROMODEN AQUA 2K lacquer for parquets PU 510 extra matt

Two-component aqueous polyurethane colourless lacquer with low gloss (matt/semi-matt, extra mat) with special additives



- long-lasting
- high hardness
- wear-resistant



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for the high-quality protection and decoration of parquet and other wooden in spaces with medium and high loads (business premises, halls, pharmacies, kindergartens).

CONSUMPTION: 11 / 10 – 12 m²

PACKAGING UNITS: 5 + 0.5l / 1 + 0.1l

CHROMODEN AQUA 2K parquet lacquer PU 505 INVISIBLE

Two-component aqueous polyurethane colourless lacquer without gloss (deep matt - 'invisible') with special additives



- natural appearance of the wood
- "deep" matt effect
- system without a base lacquer
- durable and wear-resistant
- distinguished by its high hardness
- easy to maintain and resistant to the impact of softer chemicals



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for the high-quality protection and decoration of parquet and other wood surfaces when you want to a natural wood appearance in spaces with medium and high loads (business premises, halls, pharmacies, kindergartens).

CONSUMPTION: 11 / 10 – 12 m² (cca 0.08– 0.1 l / m²)

PACKAGING UNITS: 5 + 0.5l

CHROMODEN 2K PU, LZP

Two-component polyurethane colourless high gloss lacquer with special additives



- extremely high gloss and fullness of the film
- long-lasting and wear-resistant
- distinguished by its high hardness
- easy to maintain and resistant to the impact of softer chemicals



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for the high-quality protection and decoration of parquet and other wooden surfaces to achieve a protective high gloss lacquer.

CONSUMPTION: 11 / approx. 10 m² in one layer.

PACKAGING UNITS: 1 + 1l / 4 + 4l / 10 + 10l

CHROMODEN 2K PU, LZP semi-matt, matt

Two-component colourless polyurethane matt and semi-matt lacquer with special additives



- extremely high gloss and fullness of the film
- long-lasting and wear-resistant
- distinguished by its high hardness
- easy to maintain and resistant to the impact of softer chemicals



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for the high-quality protection and decoration of parquet and other wooden surfaces to achieve a protective lacquer that is of reduced or silky gloss. For special conditions such as high temperatures, large parquet surfaces, the addition of CHROMODEN slowing agent matt/semi-matt up to 10% is recommended in the combined mixture of lacquer and hardener.

CONSUMPTION: 1l / approx. 10 m² in one layer.

PACKAGING UNITS: 1 + 1l / 4 + 4l / 10 + 10l

IDEAL 2K PU LZP DS (gloss/semi-gloss)

Polyurethane parquet lacquer



- good mechanical and chemical resistance
- good elasticity and hardness
- easy maintenance



INSTRUCTIONS FOR USE

AREA OF APPLICATION: lacquering parquet in rooms where floor is exposed to normal or high wear: living rooms, wooden staircases, offices, gym rooms/for high wear parquet surfaces.

THINNING: ready for use

CONSUMPTION: 1l covers 8 – 10 m² of surface in 1 coat

PACKAGING UNITS: 10 l lacquer, 10 l hardener
mixing ratio 1 : 1

CHROMODEN AQUA 2K PUR LZP FOR SH matt

Two-component aqueous polyurethane colourless matt lacquer with special additives



- extremely long-lasting
- resistant to loads



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for the high-quality protection of parquet in sports halls where the aim is to achieve the effect of slight gloss and to reduce the slipperiness of the surface. Complies with DIN 18032 and EN 14904 I EN 13036-4, which means that it has all the characteristics of the sports floor, prevents uncontrolled skidding on the parquet floor with athletes' sudden movements in medium and heavy load spaces (sports halls, business premises, pharmacies, kindergartens).

CONSUMPTION: 1l / 10 – 12 m²

PACKAGING UNITS: 5 + 0.5l

Accessories

CHROMODEN thinner 14

Tool cleaning agent



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the use of CHROMODEN E-PU 280 and CHROMODEN PU 259 adhesives.
PACKAGING UNITS:	11 / 4 l

CHROMODEN AQUA REPAIR

Two-component aqueous colourless lacquer with special additives for the quick renovation of old parquet



- quick renovation of old parquets lacquered with Chromoden lacquer
- without removing old layers of lacquer
- durable and wear-resistant
- distinguished by its high hardness
- applied in one to two layers



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the quick renovation of old parquet lacquered with Chromoden parquet lacquers (aqueous and solvent systems) in spaces with medium and high loads (business premises, halls, pharmacies, kindergartens).
CONSUMPTION:	11 / 10 – 12 m ² /coat (approx. 0.08 – 0.1 l/m ²)
PACKAGING UNITS:	5 + 0.5 l

CHROMODEN AQUA slowing agent



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	as an addition to the CHROMODEN AQUA parquet lacquer, improves the spillage of the lacquer in conditions when the temperature is increased, reduced relative air humidity when lacquering larger surfaces. Add up to 5% maximum. It is not recommended to use it with CHROMODEN AQUA puttying liquid F22 and CHROMODEN AQUA gel for joints G 29.
PACKAGING UNITS:	0.25 l

CHROMODEN slowing agent for PU lacquer matt, semi-matt, gloss

Solvent-based substance as an additive for slowing drying with CHROMODEN PU matt/semi-matt and lacquers



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for sports halls, when lacquering under special conditions, high temperatures, low air humidity and large parquet areas, because it improves the lacquer levelling.
----------------------	---

PACKAGING UNITS: 11 / 41

CHROMODEN AQUA GEL for joints G29

Single-component colourless aqueous gel for grouting parquet and other wooden surfaces



- fills the surface well
- dries quickly
- does not require sanding



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for filling pores and slits on a wood surface. Used to preserve the natural colour of the wood.
----------------------	---

CONSUMPTION: 11 / 15 – 20 m²

PACKAGING UNITS: 1 l

CHROMODEN universal gel for joints

Single-component polyurethane quick-drying, colourless gel based on high-quality modified resins



- preserves the natural colour of parquet



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for filling slits, pores and minor cracks on a wooden or lacquered parquet surface. Used to preserve the natural colour of the wood.
----------------------	--

CONSUMPTION: 11 / 16 – 20 m²

PACKAGING UNITS: 11 / 51

CHROMODEN transparent

Single-component polyurethane transparent primer



- pigmented with high-quality light-resistant pigments



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the transparent painting of parquet and other wood surfaces before applying CHROMODEN parquet lacquers. Produced in 12 standard shades and at the customer's request.
----------------------	---

CONSUMPTION: 11 / 10 m² in one coat

PACKAGING UNITS: 1 l

Accessories

IDEAL tool cleaning agent

For cleaning tools after using DS parquet lacquers



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	used for thinning the IDEAL 2K polyurethane parquet lacquer (gloss/semi-matt).
----------------------	--

PACKAGING UNITS: 1 l

CHROMODEN tool cleaning agent

For cleaning tools after using DS parquet lacquers



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	solvent-based agent, used for cleaning tools (rollers, brushes).
----------------------	--

PACKAGING UNITS: 1l / 10l

NEOSTIK FIX CLASSIC

High-quality environmentally friendly adhesive



- acrylic-based
- resistance to atmospheric influence
- can be painted
- once cured, it is resistant to water



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	window sills, slats, ceramic plates, decorative elements. Excellent adhesion to: concrete, plaster, wood, ceramics, stone, styrofoam, EPS, XPS, plaster panels and PVC.
----------------------	---

PACKAGING UNITS: 200 g / 300 ml / 1 kg / 4 kg

NEOSTIK FIX EXPRESS

High-quality environmentally friendly adhesive



- strong, fast, versatile and permanently elastic adhesive for construction
- does not slump in joints on vertical surfaces
- suitable also for damp surfaces



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for fixing and bonding to all surfaces and most construction materials. Excellent adhesion to: concrete, marble, brick, plaster, ceramics, wood, particle and bound pl. cork, aluminum, iron, glass, XPS, PVC.
----------------------	--

PACKAGING UNITS: 290 ml

TIPS FOR PARQUET ADHESION

Successful adhesion depends on the preparation of the surface, which must be dry, straight, and free of dust and other impurities. The concrete substrate must be at least 4–6 weeks old, surface moisture can be a maximum of 2%. The moisture of the wood surface and parquet can be a maximum of 10%. We do not recommend the use of adhesives below 12 °C.

The ideal working conditions by phases are as follows:

Parquet adhesion

Ideal temperature of the ambient, parquet, surface and adhesive is 18–25 °C, relative air humidity 65–75%, maximum surface moisture 2%, maximum parquet moisture 8–10%.

Sanding and puttying the parquet

- If it is a newly laid parquet, it is necessary to start with sanding only after the parquet stabilizes and when all the other finishing works in the space have already been completed.
- Optimal conditions are a room temperature of 15–20 °C and relative air humidity of 50–60%.

Parquet lacquering

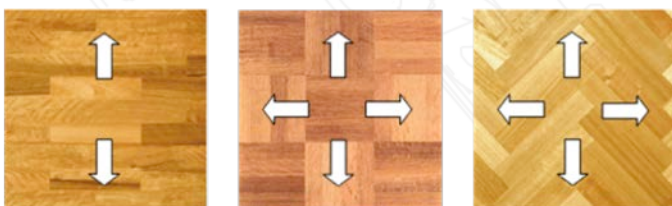
- Optimal working conditions are a room temperature of 18–22 °C and relative air humidity of 65–75%, or 40–75% for water lacquers.
- There must be no airflow or direct sunshine.

The effect of humidity

Moisture is the largest enemy of parquets and parquet-layers. The source of the moisture is unimportant, whether it's from the air, screed, wood, walls, etc. Parquet is mostly laid on cement screeds, which must be dry (max. 2%) in order to avoid any unwanted consequences. Excessive moisture in the screed can pass into the wood, which makes it swell and rise into the shat of a hat.

The way of laying the parquet can greatly affect the consequences caused by increased parquet moisture. Laying the parquet in a fishbone or mosaic sequence allows the spread (bubbling) and the shrinkage of the parquet to spread in all directions and is 50% smaller than in a transverse direction in relation to the direction of the parquet. For this reason, parquet laid in a longitudinal direction must be glued with adhesive based on artificial resins, of which the most commonly used are two-component adhesives based on solvent-free epoxy resins or two-component adhesives based on polyurethane resins.

The direction of swelling with individual ways of laying parquet



Typical drying time for cement screed under normal conditions is 10–15 days per cm of thickness. When laying the flooring, it is imperative to measure the moisture content of the screed. The moisture must not exceed 2%. The table below shows the effect of screed moisture on the danger of laying and lacquering parquet according to the GANN instructions.

ESTER MOISTURE	RISK OF PARQUET INSTALLATION IN ACCORDANCE WITH GANN INSTRUCTIONS.
1.5–2.0	stable dry / safe installation of the parquet and lacquering
2.1–2.5	dry / installation of the parquet and lacquering permitted
2.6–3.0	wet / high risk area for parquet installation, lacquering is not permitted
> 3.0	wet / installation of parquet is not permitted

NEW AND OLD PARQUET - PREPARATION PROCESSES

New parquet

The floor (parquet) should be dry and free of grease and impurities, and grouted and sanded with sandpaper no. 120–150 or polished, if required. The sanding dust must be removed with a vacuum cleaner. Parquet must not be bleached with hydrogen peroxide or other agents for wood bleaching.

Final sanding granulation, if lacquered with conventional solvents systems:

- belt sander: no. 120–150
- polishing machine: no. 80–100
- trio or similar: no. 60–80–100

Final sanding granulation, if lacquered with Chromoden transparent:

- belt sander: no. 150 (spreading-wiping, application of colour lacquer)
- polishing machine: no. 80 (application of coloured lacquer), no. 100 (spreading-wiping)
- trio or similar: no. 60–80–100 (spreading-wiping, application of colour lacquer)

Final sanding granulation, if lacquered with aqueous systems:

- belt sander: no. 150
- polishing machine: no. 80–100
- trio or similar: no. 60–80–100

Renovation of old parquet

If you suspect that different parquet cleaning and maintenance products have been used, it is best to first degrease and clean the floor with a mild detergent solution in water and then sand the parquet down to the healthy wood (remove any remaining lacquer). After this process, the parquet floor is treated as new.

3. FLOOR SURFACES

PUTTYING

Puttying is a process followed by medium or fine sanding, depending on the choice of materials and machines. For solvent putty, the process is carried out after the middle sanding and before the final sanding (with paper no. 60-80). Chromoden puttying liquid sand well, dry quickly and do not emphasize joints with a darker colour.

The process is different when puttying with Chromoden aqua putty, where the puttying comes after the final sanding but before polishing the parquet.

What is needed for puttying?

- Chromoden puttying liquid or Chromoden aqua puttying liquid
- Fine sanding powder, best from polishing as it is not fibrous
- Trowel

Description of the process

- Prepare the putty mixture by adding fine wood dust to the putty liquid.
- The mixture should be mixed until homogeneous, then apply to the parquet with a spatula to fill the joints and smaller cracks. If the joints are bigger, it is necessary to apply the putty twice (with a thicker and thinner putty mix).
- The parquet must dry for 30–60 minutes.

CLEANING

Vacuuming

After each sanding process (coarse, medium and final) and after polishing, the parquet should be thoroughly vacuumed.

- Always use an empty vacuum cleaner bag to increase efficiency.
- After cleaning, allow all the dust to settle before vacuuming.
- Vacuuming is also necessary after interlayer sanding.
- The recommended vacuuming direction is from the door towards the end of the room.

Cleaning with a cloth

After vacuuming, the parquet should be cleaned with a damp cloth. In doing so, the movements with the cloth must be systematic from one side of the room to the other.

It should be cleaned in separate strokes to avoid transferring dust. The cloth should be cleaned regularly. Untreated (bare) parquet absorbs much more than lacquered parquet and can absorb a significant amount of moisture when cleaned with a cloth that is too wet (the cloth only needs to be damp).

LACQUERING OF CLASSIC CHROMODEN SYSTEMS

The completed fine sanding or polishing of the parquet is followed by the lacquering phase. Priming is the first step, followed by lacquering with finishing lacquers. Priming coats are extremely important for the quality of the whole system and to meet the requirements expected for the wood's colour and its overall visual impression.

Classic Chromoden systems are characterized by exceptional mechanical properties and are therefore recommended for all types of loads, i.e. residential and commercial real estate. Nevertheless, due to increased exposure to wear, we recommend painting business premises with semi-matt or matt lacquers, as the maintenance is easier. The range of the classic Chromoden portfolio allows for a wide variety of flooring arrangements, from maintaining its natural appearance and colour to additional nuancing of the parquet, as well as meeting specific anti-skid requirements for sports floors.

LACQUERING OF AQUEOUS CHROMODEN AQUA SYSTEMS

The Chromoden aqua follows the environmental trend of parquet lacquer development. These systems feature exceptional mechanical properties and a beautiful natural appearance of the wood, by further enhancing their pores. Compared to conventional Chromoden systems, their mechanical properties are not far behind, but the optical appearance of the parquet is different (more natural in colour and emphasized pores or wood structure).

The general benefits of the Chromoden aqua line are that they are eco-friendly products that allow odorless work and tools to be washed in water.



3.4 OILS FOR PARQUET

QUALITY
LEVEL

STEP 1

PREMIUM



- CHROMODEN 2K oil for parquet

STANDARD



- BIOHEL oil for parquet

3.5 OILS FOR TERRACE

QUALITY
LEVEL

STEP 1

PREMIUM



- BELINKA OIL DECKING
- BIOHEL DECKING OIL

AUXILIARY
PRODUCTS



- BELFRESH

3.4 Oils for parquet

Step 1

CHROMODEN 2K oil for parquet

Two-component mixture of special oils and waxes



- for the interior protection of parquet and other wood surfaces
- suitable for bathrooms, swimming pools and spaces exposed to high humidity
- exceptionally quick-drying
- very durable for highly loaded spaces, resistant to milder chemicals
- easy to use
- highly suitable for exotic parquets



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the high-quality protection and decoration of parquet and other wood coverings, to highlight the texture and emphasize the natural appearance of the wood with maximum protection.
CONSUMPTION:	1l / 30 – 50 m ² (with a spatula) 1l / 15 – 30 m ² (with a roller or brush)
COLOUR SHADES:	Produced in 12 standard shades (according to the Chromolux colour chart)
PACKAGING UNITS:	1 + 0.2 / 5 + 1l

BIOHEL oil for parquet

Oil with waxes for parquet



- for the protection of parquet and other wood surfaces in interiors
- exceptionally quick-drying
- easy to apply (roller)
- very solid and durable
- pleasant touch and matt appearance
- certificate EN 71-3; toy safety



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the simple protection of parquet with environmentally friendly natural materials. Also possible to use for oiling furniture, tables, etc. Resistant to water, spilled drinks, etc.
CONSUMPTION:	1l / 20 m ² (with a roller)
PACKAGING UNITS:	1l / 20 l

3.5 Oils for terrace

Step 1

BELINKA OIL DECKING

Oil for the protection and maintenance of exterior walkable wooden surfaces and garden furniture



- contains UV filters and UV absorbers
- increases the resistance to weathering
- repels water and dirt
- available in five carefully selected colour shades

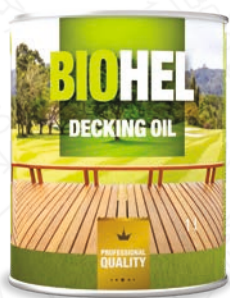


INSTRUCTIONS FOR USE

AREA OF APPLICATION:	it is used to protect surfaces made of resistant types of wood (larch, oak, chestnut and tropical wood, such as teak and bangkirai). The oil penetrates deep into the wood, revives it, colours it and enhances its natural structure. The shade and final appearance of the oiled surface depend on the type of wood the oil is applied to. An oiled surface repels water and dirt and is easier to clean. As it does not form a film on the surface, there is no bubbling or peeling off of the film as a result of shrinkage or swelling of wood.
CONSUMPTION:	15 – 30 m ² with 1 l of oil, depending on the type, absorbency and pretreatment of wood
THINNING:	ready for use
COLOUR SHADES:	natur, walnut, teak, palisander, grey
PACKAGING UNITS:	0.75 l / 2.5 l

BIOHEL DECKING OIL

Oil for terraces



- quick-drying
- easy to apply (roller, brush)
- with added UV light blocking agents
- silky gloss
- low viscosity, good pore watering
- coating elasticity in combination with the walking hardness



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	the more permanent protection of wooden terraces with environmentally friendly natural materials. Also possible to use for oiling garden furniture etc. Only for application on horizontal surfaces (not for facades, fences etc.).
CONSUMPTION:	1 l / 20 m ² (with a roller)
PACKAGING UNITS:	1 l / 20 l

Auxiliary products

BELFRESH

Removing grayness from weather-exposed wood that has turned gray



- effectively removes grayness
- emphasizes the natural color of walkable surfaces, wall cladding and garden furniture

INSTRUCTIONS FOR USE

AREA OF APPLICATION:

effective agent for removing grayness from weather-exposed wood that has turned gray. It helps to emphasize the natural colour of walkable surfaces, wall cladding and garden furniture.




It is suitable for refreshing more resistant types of wood (larch, oak, acacia, chestnut and tropical wood, such as teak and bangkirai), that have not been oiled for a long time or are untreated. It is not suitable for use on surfaces protected with woodstain or enamel. The effect depends on the type of wood.

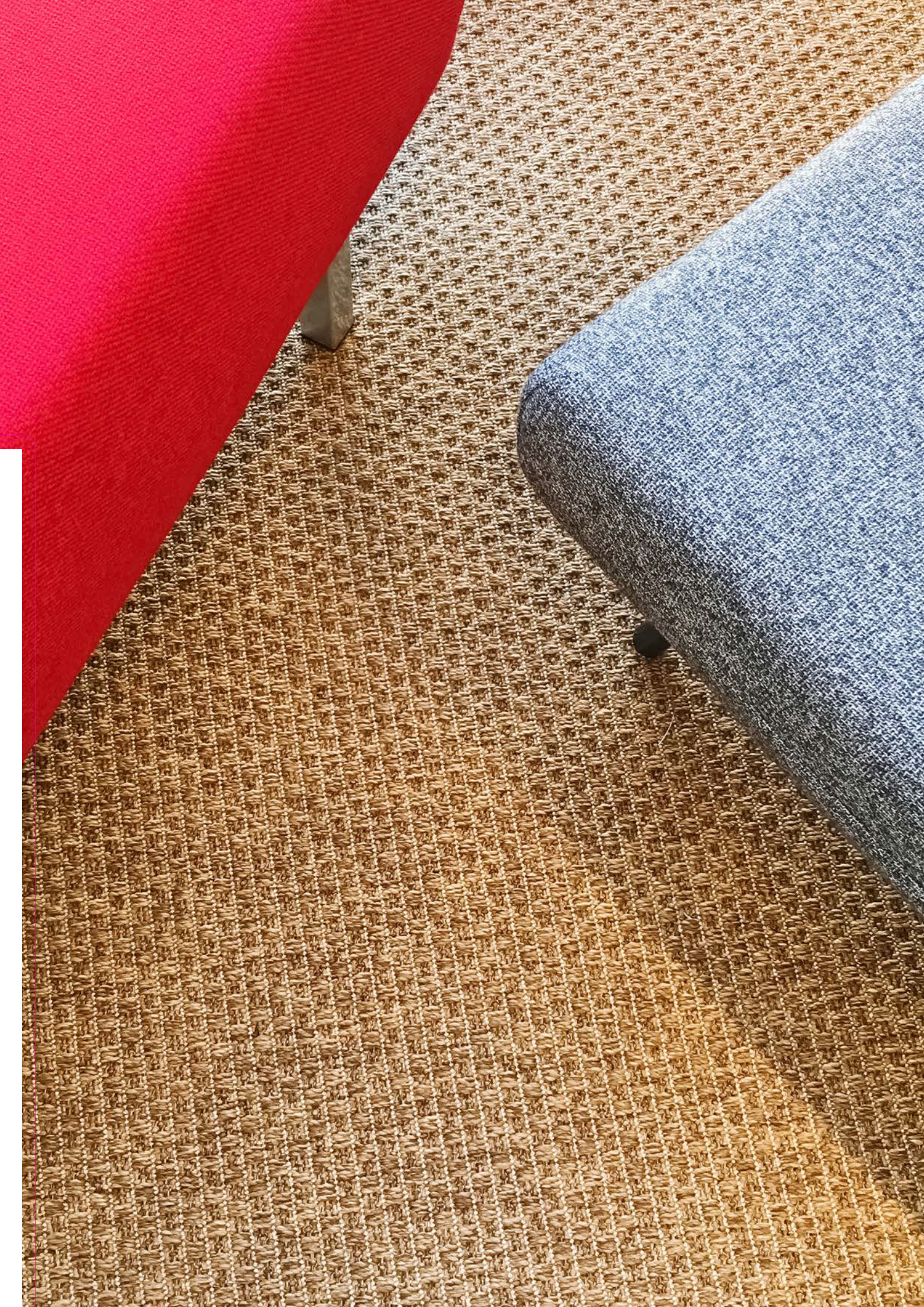
CONSUMPTION: up to 8m² if used as a concentrated product (depends on the grayness of the surface)

PACKAGING UNITS: as a concentrate or thinning with water

PACKAGING UNITS: 11

3.6 ADHESIVES FOR FLOOR COVERINGS

USE	PRODUCT
TEXTILE FLOOR COVERINGS	<ul style="list-style-type: none"> • NEOSTIK AQUA TEX 
PLASTIC FLOOR AND WALL COVERINGS	<ul style="list-style-type: none"> • NEOSTIK AQUA PERFECT 
FLOOR AND WALL COVERINGS	<ul style="list-style-type: none"> • NEOSTIK VARIOCOLL 



NEOSTIK AQUA TEX

One-component dispersion adhesive based on special dispersion and additives



- solvent-free
- great adhesion to textile floor coverings

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	textile floor coverings with a surface from textile, latex, latex foam, PUR foam and natural and synthetic jute as well as floor coverings from coconut and sisal.
----------------------	--

PACKAGING UNITS: 7 kg / 24 kg

NEOSTIK AQUA PERFECT

One-component solvent-free dispersion adhesive



- based on special dispersion
- solvent-free
- for bonding of plastic floor and wall coverings

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the adhesion of different types of plastic floor and wall coverings onto absorbent surfaces (concrete, plaster, wood) in indoor spaces.
----------------------	---

PACKAGING UNITS: 7 kg / 24 kg

NEOSTIK VARIOCOLL

One-component solvent-free dispersion adhesive based on special dispersion and additives

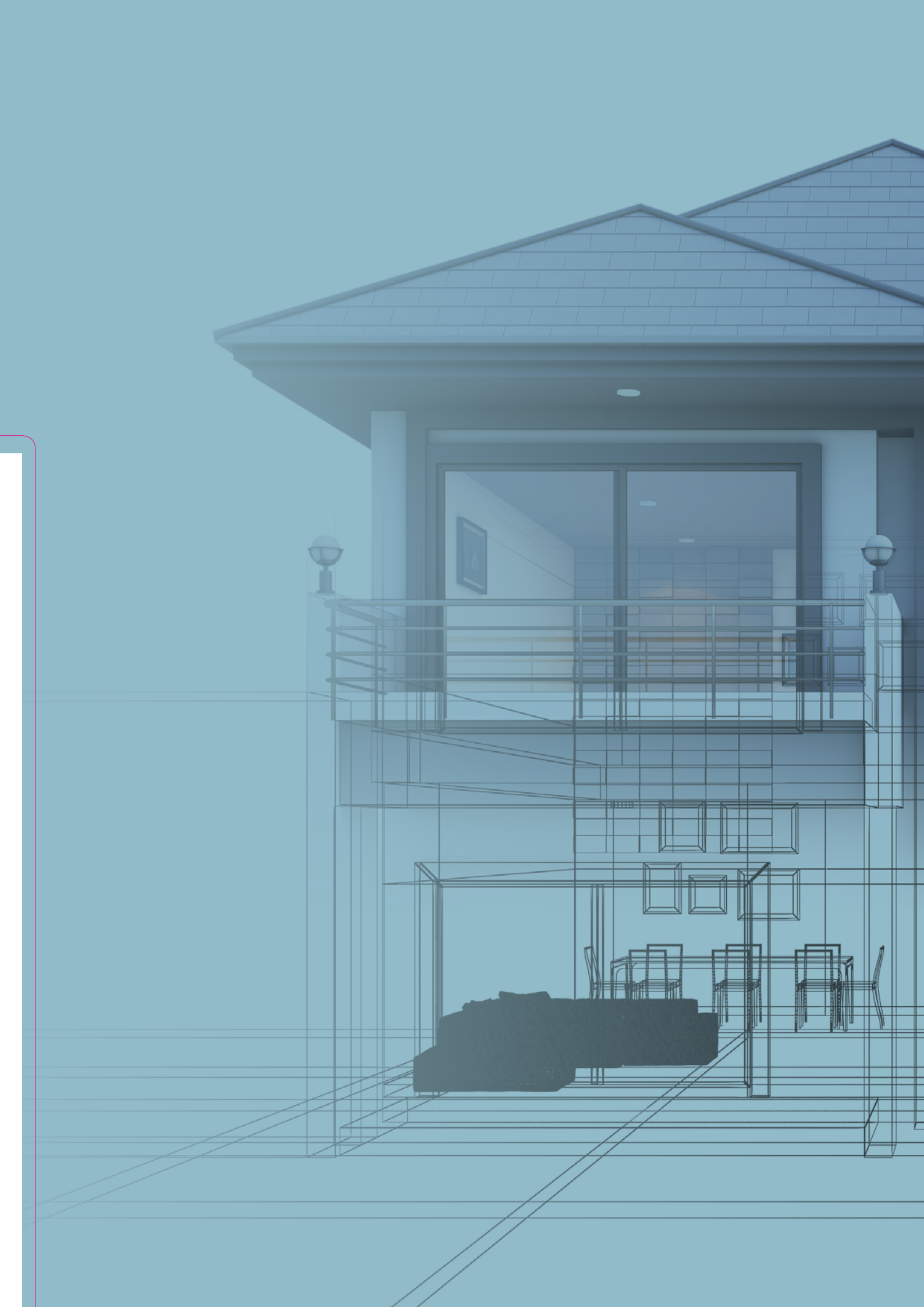


- for the adhesion of floor coverings from plastic, textile, styrofoam and cork

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the adhesion of different types of floor and wall coverings onto concrete, plaster and other absorbent surfaces.
----------------------	--

PACKAGING UNITS: 1 kg / 7 kg / 24 kg



METAL PROTECTION

4.1.1	Metal protection (iron, steel)	125
4.1.2	Special coatings	133
4.1.3	Protection for radiators and pipes	141
	Technical information	144
4.2	Industrial metal protection	147
4.2.1	Liquid protective coatings	149
4.2.2	Powder coatings	163
	Technical information	169



4.1.1 METAL PROTECTION (IRON, STEEL)

QUALITY LEVEL	SURFACE PREPARATION	PRIMER	TOP COAT
PREMIUM	solvent  <ul style="list-style-type: none"> • TESSAROL NITRO THINNER • TESSAROL THINNER 	 <ul style="list-style-type: none"> • TESSAROL UNIVERSAL PRIMER UNII • TESSAROL PRIMER FOR IRON • TESSAROL EGALIN QUICK-DRYING PRIMER FOR METAL 	 <ul style="list-style-type: none"> • TESSAROL PRO PROTECT • TESSAROL METAL EXPRESS • TESSAROL ENAMEL • TESSAROL EGALIN QUICK-DRYING ENAMEL
	water  <ul style="list-style-type: none"> • TESSAROL NITRO THINNER • TESSAROL THINNER 	 <ul style="list-style-type: none"> • TESSAROL ACRYLIC PRIMER UNI 	 <ul style="list-style-type: none"> • TESSAROL ACRYLIC ENAMEL
ECONOMICAL	solvent  <ul style="list-style-type: none"> • COLOR NITRO THINNER • COLOR ENAMEL THINNER 	 <ul style="list-style-type: none"> • COLOR PRIMER FOR METAL 	 <ul style="list-style-type: none"> • COLOR ENAMEL
	water  <ul style="list-style-type: none"> • COLOR ACRYLIC PRIMER FOR METAL 	 <ul style="list-style-type: none"> • COLOR ACRYLIC ENAMEL 	
AUXILIARY PRODUCTS	 <ul style="list-style-type: none"> • COLOR COATING REMOVER 	 <ul style="list-style-type: none"> • COLOR AVTOCOL PUTTY SOFT 	

Substrate preparation

TESSAROL NITRO THINNER



INSTRUCTIONS FOR USE

AREA OF APPLICATION: thinning TESSAROL Egalin quick-drying primers for metal, TESSAROL Egalin quick-drying topcoats, TESSAROL metal Express and TESSAROL enamel for galvanized sheet metal, for cleaning surfaces you intend to paint or varnish, for cleaning tools and removing not yet dried paint stains.

PACKAGING UNITS: 11 / 5 l / 10 l

TESSAROL THINNER



INSTRUCTIONS FOR USE

AREA OF APPLICATION: thinning TESSAROL solvent paints, cleaning surfaces before painting, cleaning tools and removing not yet dried paint stains.

PACKAGING UNITS: 0.5 l / 11 / 5 l

COLOR NITRO THINNER



INSTRUCTIONS FOR USE

AREA OF APPLICATION: allows the thinning of Egalin quick-drying paints and nitro-based paints and lacquers, and also helps clean the surfaces you want to protect. Removes grease from metal surfaces, and wax and resin from wood surfaces.

PACKAGING UNITS: 1 l

COLOR ENAMEL THINNER



INSTRUCTIONS FOR USE

AREA OF APPLICATION: enables the thinning of solvent-based COLOR paints and the cleaning of tools after use.

PACKAGING UNITS: 1 l

Primer

TESSAROL UNIVERSAL PRIMER UNI

Excellent adhesion and basic protection of various substrates



- excellent adhesion to various surfaces
- protection of iron and steel surfaces from rusting by means of anti-corrosive pigments
- quick drying - application of TESSAROL enamel is possible after 3 hours



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	different metal surfaces: iron and steel surfaces, galvanized sheet metal, copper, aluminum, hard PVC and wood.
CONSUMPTION:	1 l covers 7 – 9 m ² of surface in 1 coat
THINNING:	TESSAROL thinner, max. 15%
PACKAGING UNITS:	0.75 l
COLOUR SHADES:	white

TESSAROL PRIMER FOR IRON

Protection from rusting thanks to anti-corrosive pigments



- good adhesion
- good coverage
- easy to work with



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for different iron and steel surfaces in interior rooms and outdoors.
CONSUMPTION:	1 l covers 7 – 9 m ² of surface in 1 coat
THINNING:	TESSAROL thinner, max. 15%
PACKAGING UNITS:	0.2 l / 0.75 l / 2.5 l; white: 0.75 l
COLOUR SHADES:	white, oxide red, grey



TESSAROL EGALIN QUICK-DRYING PRIMER FOR METAL

It contains anti-corrosion pigments that protect the metal from rusting



- it improves adhesion between the surface and the top coat
- quick drying: 1 – 3 h



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	different iron and steel objects in interior rooms and outdoors.
CONSUMPTION:	1 l covers 7 – 9 m ² of surface in 1 coat
THINNING:	TESSAROL NITRO thinner up to 10 %
PACKAGING UNITS:	0.20 l / 0.75 l / 2.5 l
COLOUR SHADES:	grey, red



TESSAROL ACRYLIC PRIMER UNI

Priming protection for different surfaces



- water-based
- excellent adhesion to iron and steel surfaces, galvanized sheet metal, copper, aluminum and hard PVC
- protection of iron and steel surfaces from rusting by means of anti-corrosive pigments
- quick-drying



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for iron and steel surfaces, galvanized sheet metal, copper, aluminum, and hard PVC.
CONSUMPTION:	1 l covers 8 – 10 m ² of surface in 1 coat
THINNING:	water
PACKAGING UNITS:	0.65 l
COLOUR SHADES:	white

COLOR PRIMER FOR METAL

Primer for the protection of iron and steel surfaces



- protection against weather influences
- ensures smoothness of metal surfaces



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	metal surfaces become as smooth as possible and therefore protected against corrosion.
CONSUMPTION:	0.65 l / 4 – 6 m ² 3.5 l / 22 – 32 m ²
THINNING:	with COLOR ENAMEL THINNER to a maximum of 10%
PACKAGING UNITS:	0.65 l / 3.5 l

COLOR ACRYLIC PRIMER FOR METAL

Water-based anti-corrosion primer



- for the protection of iron and steel surfaces
- improves adhesion and coverage of the next coat
- contains anti-corrosion pigments
- quick-drying protection against weather influences
- ensures smoothness of metal surfaces



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	water-based anti-corrosion primer for the protection of iron and steel surfaces indoors and outdoors.
CONSUMPTION:	z 1 l pri 1x-nem nanosu premažete 8 – 10 m ²
THINNING:	with water, if required
PACKAGING UNITS:	0.65 l

Top coat

TESSAROL PRO PROTECT

Quick-drying top coat for the protection of metals, wood and elements from artificial materials, both indoors and outdoors



- up to 10 years of uv persistence
- stable gloss and stable colour shade (white and light shades practically do not become yellowish)
- excellent hiding power
- quick drying – 6 hours
- easy to apply, easy to work with, good levelling
- good elasticity and hardness
- great weather resistance
- resistance to household cleaning agents



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	windows, doors, fittings, wood claddings, fences, constructions, simple furniture in indoor surfaces and outdoor areas.
CONSUMPTION:	1 l covers 14–16 m ² of surface in 1 coat
THINNING:	with TESSAROL thinner if necessary
PACKAGING UNITS:	standard colour shades: 0.75 l HGMIX: 0.75 l
COLOUR SHADES:	satin: white gloss: white

TESSAROL METAL EXPRESS

Special fast drying coating for protection of indoor and outdoor metal surfaces



- excellent resistance to weathering
- quick drying: 2 hours
- high, stable gloss and hardness of the coating film
- good mechanical resistance



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	metal surfaces indoors and outdoors, also suitable for hot radiator pipes and radiators.
CONSUMPTION:	1 l covers 8–10 m ² of surface in 1 coat
THINNING:	TESSAROL NITRO thinner up to 5 %
PACKAGING UNITS:	standard colour shades: 0.75 l HGMIX: 0.75 l
COLOUR SHADES:	matt: black and dark gray gloss: white and 9 standard colour shades

TESSAROL EGALIN QUICK-DRYING ENAMEL

Wood and metal protection coating



- it dries fast, so the surface can be coated multiple times in one day
- white and light shades do not become yellowish
- easy to use



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	windows, doors, fittings, wood claddings, fences, constructions, furniture and other metal and wood indoor surfaces and outdoor areas.
CONSUMPTION:	1 l covers 8–10 m ² of surface in 1 coat
THINNING:	TESSAROL NITRO thinner
PACKAGING UNITS:	0.20 l / 0.75 l
COLOUR SHADES:	matt: white, black, dark gray gloss: white and 11 standard colour shades

TESSAROL ENAMEL (GLOSS/SATIN)

Long-term colour protection of different surfaces



- excellent hiding power and levelling
- good elasticity and hardness
- stable gloss and colour shade
- finishing gloss or semi-gloss coat
- good weather- and light resistance

**INSTRUCTIONS FOR USE**

AREA OF APPLICATION: for windows, doors, fittings, wood claddings, fences, structures, simple furniture indoors and outdoors.

CONSUMPTION: 1 l covers 14 – 16 m² of surface in 1 coat

THINNING: ready for use

PACKAGING UNITS: standard shades:
0.2 l / 0.75 l / 2.5 l / 10 l (silver)
HGMIX: 1 l / 3 l / 10 l

COLOUR SHADES: gloss: white and 15 standard colour shades
satin: white (1S) and black (2S)

TESSAROL ACRYLIC ENAMEL (GLOSS/SATIN)

Quick-drying without an unpleasant smell



- eco-friendly
- thinning with water
- stable gloss and colour shades (white and light colours shades do not become yellow)
- good elasticity
- resistant to household cleaning agents

**INSTRUCTIONS FOR USE**

AREA OF APPLICATION: for windows, doors, fittings, wood claddings, fences, structures, simple furniture indoors and outdoors.

CONSUMPTION: 1 l covers 10 – 12 m² of surface in 1 coat

THINNING: water

PACKAGING UNITS: standard colour shades:
0.2 l / 0.65 l / 2.6 l;
HGMIX: 0.65 l / 2.6 l

COLOUR SHADES: satin: white and 10 standard colour shades
gloss: white and black

**COLOR ENAMEL**

Comprehensive protection and decoration of wooden and metal surfaces



- protection against weather influences
- high level of hiding power
- easy to use

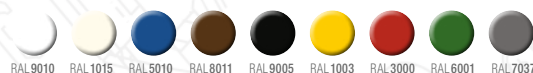
**INSTRUCTIONS FOR USE**

AREA OF APPLICATION: for combining comprehensive protection and decoration, as it is intended for both wood and metal surfaces. For painting wood and metal surfaces with COLOR ENAMEL to protect from weather effects, such as water and UV rays.

CONSUMPTION: 0.65 l / 7 – 9 m²
3.5 l / 42 – 49 m²

THINNING: ready for use

PACKAGING UNITS: 0.65 l / 3.5 l



COLOR ACRYLIC ENAMEL

Comprehensive protection and decoration of wooden and metal surfaces



- protects against all weather influences
- quick-drying
- no unpleasant odours
- does not yellow
- water-based



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for combining comprehensive protection and decoration, as it is intended for both wood and metal surfaces. For painting wood and metal surfaces with COLOR ENAMEL to protect from weather effects, such as water and UV rays.

CONSUMPTION: 1 l covers 9 – 11 m² of surface in 1 coat

PACKAGING UNITS: ready for use

PACKAGING UNITS: 0.65 l



Auxiliary products

COLOR COATING REMOVER

Agent used to chemically remove old coatings from wood and metal surfaces



INSTRUCTIONS FOR USE

AREA OF APPLICATION: helps to remove traces of time from metal and wood, and then to protect them again with decorative and protective coatings.

CONSUMPTION: 0.75 l / 1.5 – 2 m²
1 l / 2 – 3 m²

PACKAGING UNITS: 0.75 l

COLOR AVTOCOL PUTTY SOFT

Two-component polyester putty



- excellent spreading properties
- quick drying
- easy sanding



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for filling and repairing larger and smaller uneven metal, wood and plastic surfaces. For interior and exterior.

CONSUMPTION: 0.5 kg / 1 kg

MIXING RATIO: 100 parts by weight of putty: 2 parts by weight of organic peroxide.


























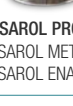
At lower temperatures (15 – 20 °C) add 3% organic peroxide to achieve the same drying time.

PACKAGING UNITS: 0.65 l

COLOUR SHADES: off-white



4.1.2 SPECIAL COATINGS

SURFACE	SURFACE PREPARATION	PRIMER	TOP COAT
IRON, STEEL			
	<ul style="list-style-type: none"> • TESSAROL NITRO THINNER • TESSAROL THINNER 	<ul style="list-style-type: none"> • TESSAROL UNIVERSAL PRIMER UNI • TESSAROL PRIMER FOR IRON 	<ul style="list-style-type: none"> • TESSAROL ANTIK 3in1
			
	<ul style="list-style-type: none"> • TESSAROL NITRO THINNER 	<ul style="list-style-type: none"> • TESSAROL UNIVERSAL PRIMER UNI • TESSAROL PRIMER FOR IRON 	<ul style="list-style-type: none"> • TESSAROL METAL EXPRESS
			
	<ul style="list-style-type: none"> • TESSAROL NITRO THINNER • TESSAROL THINNER 		<ul style="list-style-type: none"> • TESSAROL DIRECT 3in1
GALVANIZED SURFACE			
	<ul style="list-style-type: none"> • TESSAROL NITRO THINNER 		<ul style="list-style-type: none"> • TESSAROL PRO HEAT PROTECT
	ammonia water		
	solvents		<ul style="list-style-type: none"> • TESSAROL ENAMEL FOR GALVANIZED SHEET METAL
COPPER, ALUMINIUM			
	<ul style="list-style-type: none"> • TESSAROL NITRO THINNER 	<ul style="list-style-type: none"> • TESSAROL UNIVERSAL PRIMER UNI 	<ul style="list-style-type: none"> • TESSAROL PRO PROTECT • TESSAROL METAL EXPRESS • TESSAROL ENAMEL • TESSAROL ANTIK 3in1
	ammonia water		
AUXILIARY PRODUCTS			
	<ul style="list-style-type: none"> • TESSAROL NITRO THINNER 	<ul style="list-style-type: none"> • TESSAROL ACRYLIC PRIMER UNI 	<ul style="list-style-type: none"> • TESSAROL ACRYLIC ENAMEL
	water	ammonia water	
AUXILIARY PRODUCTS			
	<ul style="list-style-type: none"> • TESSAROL NITRO THINNER 	<ul style="list-style-type: none"> • TESSAROL UNIVERSAL PRIMER UNI 	<ul style="list-style-type: none"> • TESSAROL ENAMEL FOR GALVANIZED SHEET METAL
	solvents		
AUXILIARY PRODUCTS			
	<ul style="list-style-type: none"> • TESSAROL NITRO THINNER 	<ul style="list-style-type: none"> • TESSAROL UNIVERSAL PRIMER UNI 	<ul style="list-style-type: none"> • TESSAROL PRO PROTECT • TESSAROL METAL EXPRESS • TESSAROL ENAMEL
	solvents		
AUXILIARY PRODUCTS			
	<ul style="list-style-type: none"> • TESSAROL NITRO THINNER 	<ul style="list-style-type: none"> • TESSAROL UNIVERSAL PRIMER UNI 	<ul style="list-style-type: none"> • TESSAROL PRO PROTECT • TESSAROL METAL EXPRESS • TESSAROL ENAMEL
AUXILIARY PRODUCTS	<ul style="list-style-type: none"> • COLOR COATING REMOVER 	<ul style="list-style-type: none"> • COLOR AVTOCOL PUTTY SOFT 	

Substrate preparation

TESSAROL THINNER



INSTRUCTIONS FOR USE

AREA OF APPLICATION: thinning TESSAROL solvent paints, cleaning surfaces before painting, cleaning tools and removing not yet dried paint stains.

PACKAGING UNITS: 0.5 l / 1 l / 5 l

TESSAROL NITRO THINNER



INSTRUCTIONS FOR USE

AREA OF APPLICATION: thinning TESSAROL Egalin quick-drying primers for metal, TESSAROL Egalin quick-drying topcoats, TESSAROL metal Express and TESSAROL enamel for galvanized sheet metal, for cleaning surfaces you intend to paint or varnish, for cleaning tools and removing not yet dried paint stains.

PACKAGING UNITS: 1 l / 5 l / 10 l

Primer

TESSAROL UNIVERSAL PRIMER UNI

Excellent adhesion and basic protection of various substrates



- excellent adhesion to various solvent-based surfaces
- protection of iron and steel surfaces from rusting by means of anti-corrosive pigments
- quick drying - application of TESSAROL enamel is possible after 3 hours



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	different metal surfaces: iron and steel surfaces, galvanized sheet metal, copper, aluminum, hard PVC and wood.
CONSUMPTION:	1 l covers 7 – 9 m ² of surface in 1 coat
THINNING:	TESSAROL thinner, max. 15%
PACKAGING UNITS:	0.75 l
COLOUR SHADES:	white

TESSAROL PRIMER FOR IRON

Protection from rusting thanks to anti-corrosive pigments



- good adhesion
- good coverage
- easy to work with



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for different iron and steel surfaces in interior rooms and outdoors.
CONSUMPTION:	1 l covers 7 – 9 m ² of surface in 1 coat
THINNING:	TESSAROL thinner, max. 15%
PACKAGING UNITS:	0.2 l / 0.75 l / 2.5 l; white: 0.75 l
COLOUR SHADES:	white, oxide red, grey



TESSAROL ACRYLIC PRIMER UNI

Priming protection for different surfaces



- water-based
- excellent adhesion to iron and steel surfaces, galvanized sheet metal, copper, aluminum and hard PVC
- protection of iron and steel surfaces from rusting by means of anti-corrosive pigments
- quick-drying



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for iron and steel surfaces, galvanized sheet metal, copper, aluminum, and hard PVC.
CONSUMPTION:	1 l covers 8 – 10 m ² of surface in 1 coat
THINNING:	water
PACKAGING UNITS:	0.65 l
COLOUR SHADES:	white

Top coat

TESSAROL ANTIK 3in1

Top coat with a metal gloss that gives an old wrought-iron appearance



- good anti-corrosion protection
- easy to work with
- good weather- and light resistance



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for products of forgery, weather-exposed iron surfaces, such as garden, balcony and staircase fences, garden and entrance gates, grids for windows.
CONSUMPTION:	1 l covers 8 – 10 m ² of surface in 1 coat
THINNING:	TESSAROL thinner, max. 13%
PACKAGING UNITS:	anthracite 0.75 l / 2.5 l HGMIX (silver): 0.7 l
COLOUR SHADES:	anthracite, silver HGMIX

TESSAROL METAL EXPRESS

Special fast drying coating for protection of indoor and outdoor metal surfaces



- excellent resistance to weathering
- quick drying: 2 hours
- high, stable gloss and hardness of the coating film
- good mechanical resistance



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	suitable for metal surfaces indoors and outdoors, as well as for hot radiator pipes and radiators.
CONSUMPTION:	1 l covers 8 – 10 m ² of surface in 1 coat
THINNING:	TESSAROL NITRO thinner up to 5%
PACKAGING UNITS:	standard colour shades: 0,75 l HGMIX: 0,75 l
COLOUR SHADES:	10 standard colour shades WHITE, RAL 1018, RAL 3020, RAL 5017, RAL 6001, RAL 8016, RAL 9006, RAL 7042, RAL 9005, RAL 9005 M



TESSAROL DIRECT 3in1

Direct application onto iron and steel surfaces, without using primers



- high level of film hardness
- easy to work with, easy to apply, good levelling
- good weather- and light resistance
- good coverage



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for quality decoration of metal, iron and steel surfaces, such as constructions, fences, windows, doors, fittings, simple furniture in internal spaces and outdoors. It can be used without a primer, and applied directly onto a dry and sanded surface, cleaned of rough rust particles.
CONSUMPTION:	1 l covers 10 – 12 m ² of surface in 1 coat
THINNING:	TESSAROL thinner, max. 15%
PACKAGING UNITS:	0.2 l / 0.75 l / 2.5 l / 10 l HGMIX: 0.65 l / 2.25 l / 9 l
COLOUR SHADES:	white, 11 colour shades



TESSAROL PRO HEAT PROTECT

Resistance to high temperatures



- special metal-look top coat
- temperature- and weather-resistant top coat paint
- for the protection of metal object which are exposed to high temperatures
- durability of silver tint up to 400 °C and black tint up to 350 °C



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for metal surfaces, such as exhaust and flue pipes that are exposed to high temperatures.
CONSUMPTION:	1 l covers 10–12 m ² of surface in 1 coat
THINNING:	not to be thinned
PACKAGING UNITS:	0.2 l / 0.75 l / 10 l
COLOUR SHADES:	silver, black

TESSAROL ENAMEL FOR GALVANIZED SHEET METAL

Good adhesion onto galvanized sheet metal and other coloured metal



- excellent hiding power
- quick-drying
- silky gloss
- good weather- and light resistance



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for roof sheet metal, grooves, fences, containers, door edges, central heating copper pipes.
CONSUMPTION:	1 l covers 7–9 m ² of surface in 1 coat
THINNING:	TESSAROL NITRO THINNER, up to 1%
PACKAGING UNITS:	0.75 l
COLOUR SHADES:	white, 7 colour shades

TESSAROL PRO PROTECT

Quick-drying top coat for the protection of metals, wood and elements from artificial materials, both indoors and outdoors



- up to 10 years of uv persistence
- stable gloss and stable colour shade (white and light shades practically do not become yellowish)
- excellent hiding power
- quick drying – 6 hours
- easy to apply, easy to work with, good levelling
- good elasticity and hardness
- great weather resistance
- resistance to household cleaning agents



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	windows, doors, fittings, wood claddings, fences, constructions, simple furniture in indoor surfaces and outdoor areas.
CONSUMPTION:	1 l covers 14–16 m ² of surface in 1 coat
THINNING:	with TESSAROL thinner if necessary
PACKAGING UNITS:	standard colour shades: 0.75 l HGMIX: 0.75 l
COLOUR SHADES:	satin: white gloss: white



TESSAROL ENAMEL (GLOSS/SATIN)

Long-term colour protection of different surfaces



- excellent hiding power and levelling
- good elasticity and hardness
- stable gloss and colour shade
- finishing gloss or semi-gloss coat
- good weather- and light resistance



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for windows, doors, fittings, wood claddings, fences, structures, simple furniture indoors and outdoors.
CONSUMPTION:	1l covers 14 – 16 m ² of surface in 1 coat
THINNING:	ready for use
PACKAGING UNITS:	standard shades: 0.21 / 0.75 l / 2.5 l / 10 l (silver) HG MIX: 1 l / 3 l / 10 l

COLOUR SHADES: gloss: white and 15 standard colour shades
satin: white (1S) and black (2S)



TESSAROL ACRYLIC ENAMEL (GLOSS/SATIN)

Quick-drying without an unpleasant smell



- eco-friendly
- thinning with water
- stable gloss and colour shades (white and light colours shades do not become yellow)
- good elasticity
- resistant to household cleaning agents



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for windows, doors, fittings, wood claddings, fences, structures, simple furniture indoors and outdoors.
CONSUMPTION:	1l covers 10 – 12 m ² of surface in 1 coat
THINNING:	water
PACKAGING UNITS:	standard colour shades: 0.21 / 0.65 l / 2.6 l; HG MIX: 0.65 l / 2.6 l

COLOUR SHADES: satin: white and 10 standard colour shades
gloss: white and black



Auxiliary products

COLOR COATING REMOVER

Agent used to chemically remove old coatings from wood and metal surfaces



INSTRUCTIONS FOR USE

AREA OF APPLICATION: helps to remove traces of time from metal and wood, and then to protect them again with decorative and protective coatings.

CONSUMPTION: 0.75 l / 1.5 – 2.25 m²
1 l / 2 – 3 m²

PACKAGING UNITS: 0.75 l

COLOR AVTOCOL PUTTY SOFT

Two-component polyester putty



- excellent spreading properties
- quick drying
- easy sanding



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for filling and repairing larger and smaller uneven metal, wood and plastic surfaces. For interior and exterior.

CONSUMPTION: 0.5 kg / 1 kg

MIXING RATIO: 100 parts by weight of putty: 2 parts by weight of organic peroxide.

At lower temperatures (15 – 20 °C) add 3% organic peroxide to achieve the same drying time.

PACKAGING UNITS: 0.65 l

COLOUR SHADES: off-white



4.1.3 PROTECTION FOR RADIATORS AND PIPES

QUALITY LEVEL	SURFACE PREPARATION	PRIMER	TOP COAT
STANDARD	water 	 • TESSAROL ACRYLIC PRIMER UNI	 • TESSAROL ACRYLIC ENAMEL FOR RADIATORS
	solvent 	 • TESSAROL UNIVERSAL PRIMER UNI • TESSAROL PRIMER FOR IRON	 • TESSAROL ENAMEL FOR RADIATORS

Substrate preparation

TESSAROL NITRO THINNER



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	thinning TESSAROL Egalin quick-drying primers for metal, TESSAROL Egalin quick-drying topcoats, TESSAROL METAL EXPRESS and TESSAROL enamel for galvanized sheet metal, for cleaning surfaces you intend to paint or varnish, for cleaning tools and removing not yet dried paint stains.
----------------------	--

PACKAGING UNITS: 11 / 51 / 10 l

TESSAROL THINNER



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	thinning TESSAROL solvent paints, cleaning surfaces before painting, cleaning tools and removing not yet dried paint stains.
----------------------	--

PACKAGING UNITS: 0.5 l / 11 / 5 l

Primer

TESSAROL ACRYLIC PRIMER UNI

Priming protection for different surfaces



- water-based
- excellent adhesion to iron and steel surfaces, galvanized sheet metal, copper, aluminum and hard PVC
- protection of iron and steel surfaces from rusting by means of anti-corrosive pigments
- quick-drying



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for iron and steel surfaces, galvanized sheet metal, copper, aluminum, and hard PVC.
CONSUMPTION:	1 l covers 8 – 10 m ² of surface in 1 coat
THINNING:	water
PACKAGING UNITS:	0.65 l
COLOUR SHADES:	white

TESSAROL UNIVERSAL PRIMER UNI

Excellent adhesion and basic protection of various substrates



- excellent adhesion to various solvent-based surfaces
- protection of iron and steel surfaces from rusting by means of anti-corrosive pigments
- quick drying - application of TESSAROL enamel is possible after 3 hours



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	different metal surfaces: iron and steel surfaces, galvanized sheet metal, copper, aluminum, hard PVC and wood.
CONSUMPTION:	1 l covers 7 – 9 m ² of surface in 1 coat
THINNING:	TESSAROL thinner, max. 15%
PACKAGING UNITS:	0.75 l
COLOUR SHADES:	white

TESSAROL PRIMER FOR IRON

Protection from rusting thanks to anti-corrosive pigments



- good adhesion
- good coverage
- easy to work with



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for different iron and steel surfaces in interior rooms and outdoors.
CONSUMPTION:	1 l covers 7 – 9 m ² of surface in 1 coat
THINNING:	TESSAROL thinner, max. 15%
PACKAGING UNITS:	0.2 l / 0.75 l / 2.5 l; white: 0.75 l
COLOUR SHADES:	white, oxide red, grey



Top coat

TESSAROL ACRYLIC ENAMEL FOR RADIATORS

Does not yellow, quick-drying, without unpleasant odours



- resistant up to 120 °C
- glossy finishing coat
- eco-friendly
- thinning with water
- resistant to household cleaning agents



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for iron radiators, radiator and indoor hot water pipes.
CONSUMPTION:	1 l covers 10 – 12 m ² of surface in 1 coat
THINNING:	water
PACKAGING UNITS:	0.75 l
COLOUR SHADES:	white

TESSAROL ENAMEL FOR RADIATORS

Glossy top coat, permanent in a temperature between 60 and 80 °C



- good levelling
- stable gloss
- easy to work with
- resistant to household cleaning agents



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for iron radiators, radiator and indoor hot water pipes.
CONSUMPTION:	1 l covers 8 – 10 m ² of surface in 1 coat
THINNING:	TESSAROL thinner, max. 15%
PACKAGING UNITS:	0.75 l / 2.5 l
COLOUR SHADES:	white

GENERAL INFORMATION ON METAL AND CORROSION

Metal materials, such as iron, zinc, aluminum, copper and brass are widely used for various constructions, construction elements and the production of useful goods. Unfortunately, they have a tendency to corrode. Corrosion causes a change in the composition of the metal and, consequently, its mechanical physical properties.

Corrosion is a process that happens in a thin film of moisture on the surface of metals. The moisture film can be so thin that it can be invisible to the naked eye. The corrosion rate increases with increasing relative air humidity, condensation of moisture on the surface and the increase in atmospheric pollution with materials that react with the metal surface. Corrosion is also affected by the location of the building, exposure to rain, sun, and air pollution. A roof decreases weather effects. Indoors, areas with strong corrosion loads appear due to poor airing, high air humidity or condensation.

CHOOSING THE SUITABLE PAINTS OR COATING SYSTEM

In the past, the most commonly used materials in construction were iron and wood. Traditional coatings based on long-chain alkyd binders were and still are used today to protect and renovate these surfaces. Due to the rapid deterioration of iron and wood due to environmental effects, the use of other materials more resistant to atmospheric influences has begun to increase. With the advent of materials such as a galvanized surfaces, copper, aluminum, and hard PVC, the weakness of traditional coatings has been shown, since these paints have poor adhesion to those surfaces (Image 1). Therefore, for long-lasting and high-quality protection, choosing the appropriate paint or coating system is very important. For the protection of new surfaces, choosing the coating system is easier because the surface's material is known (iron, wood, galvanized sheet metal, copper...). With renovations however, the coating that was applied previously is not usually known, so we recommend testing the adhesion of the new coating to the old surface.



Image 1: Example of adhesion: left - special paint for the protection of galvanized sheet metal, right - "classic" universal paint for the protection of iron and wood

ADHESION OF THE COATING TO THE SURFACE

How to determine if the coating has a good adhesion to the surface?

There are various methods to assess adhesion to the surface: with a knife, with self-adhesive tape, and with the pull-off test.

SURFACE PREPARATION

The lifespan of the coating strongly depends on a high-quality preparation of the surface. Regardless if high quality paint is used and the application is suitable, the coatings will not protect for as long as expected if the surface preparation is poor. The most common impurities on metal surfaces are: oils, greases and dirt, chlorides and other salts, corrosion products (e.g. rust), dross. Various methods are available for the preparation of metal surfaces: cleaning with various organic solvents, manual cleaning with brushes and scraping, machine cleaning, sandblasting with various abrasive bodies, high pressure water treatment. The surface preparation process must remove dirt, grease, corrosion products (Image 2), dross (Image 3) and possible loose coatings from the metal surface. The objective of all methods of surface preparation is a clean and sufficiently rough surface to allow good adhesion of the coatings.



Image 2: Formation of bubbles due to under-rusting

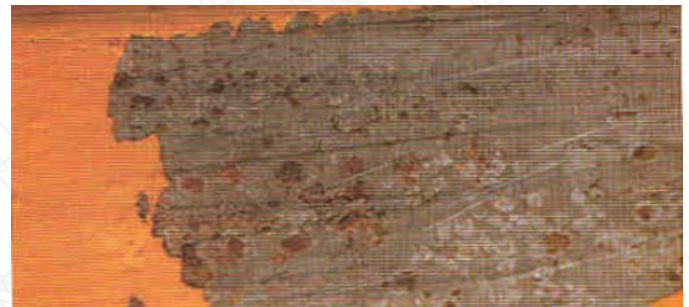


Image 3: Dotted under-rusting due to residual dross

Iron and steel surfaces

Remove oils, grease and other impurities with organic solvents. Remove corrosion products - rust, dross and old coatings - mechanically with manual or machine cleaning (cleaning with brushes, sanders, scrapers, sanding paper). Old coatings can also be removed with special coating removal agents.

Zinc, zinc coatings

Oils, grease, dirt, soluble zinc salts, zinc corrosion products (white rust), poorly joined parts of zinc coating, and also rust after long exposure to atmospheric effects, must be removed from the surface.

The surface should be cleaned with a mix of water (10 l), ammonium chloride (ammonia solution - 0.5 l) and detergent (one cap), and sanded with a sanding cloth made of synthetic fibers. Clean the sanding remains thoroughly with water and dry the surface. For hot galvanized surfaces, we recommend slight sanding, which creates a certain roughness of the surface and improves the adhesion of the coating.

Copper surface

Remove oils, grease and other impurities with the TESSAROL NITRO THINNER and sand with a sanding cloth made of synthetic fibres.

Aluminum surface

Remove oils, grease and other impurities with the TESSAROL NITRO THINNER and sand with a sanding cloth made of synthetic fibres. Before using the TESSAROL enamel for galvanized sheet metal, we recommend testing the coating's adhesion to the cleaned surface.

**APPLICATION THICKNESS,
NUMBER OF COATS**

After choosing the appropriate paint or coating system and properly preparing the surface, the final thickness of the coating layers is also important for long-term protection. The lower and upper thickness limits of the coating film are both important.

If the final thickness of the coating or coating system is thinner than recommended by the manufacturer, the protection life span will be shorter than expected. The recommended thickness of the dry film in the foundation ensures adequate barrier properties (limits the passage of corrosion agents) and provides enough anticorrosion pigment to inhibit the corrosion process. With top coatings, the recommended thickness provides suitable barrier properties, weather resistance and at the same time provides the desired aesthetic appearance (a beautiful smooth surface).

If the final thickness of individual coatings is greater than recommended, there may be defects in the coating film. Traditional widely used paints are made on the basis of long-chain alkyd binders. The caking of long-chain alkyd binders takes place in two phases: first, the solvents evaporate, and then the chemical caking begins by binding airborne oxygen. If the thickness of the coating is greater than recommended, the surface paint will dry up while underneath it will remain soft, as oxygen cannot penetrate the dried surface. This results in poor mechanical properties of the coating, poor adhesion, and potential wrinkling when applying the second layer. Consequently, the coating does not offer long-lasting protection.





INDUSTRIAL METAL PROTECTION

4.2.1	Liquid protective coatings	149
4.2.2	Powder coatings	163
	Technical information	169



4.2.1 LIQUID PROTECTIVE COATINGS

COATING SYSTEMS ACC. ISO 12944-5

LOW ALLOYED, UNALLOYED STEEL AND HOT-DIP GALVANIZED STEEL (HDG) ACCORDING ISO 1461

CORROSION CATEGORY / DURABILITY	SURFACE	SURFACE PREPARATION ¹⁾	PRIMER	INTERMEDIATE COAT	TOPCOAT	SYSTEM NDFT ²⁾
C5 VH	HDG	Sweep Blasting	• REMOPLAST TL GLIMMER 80 µm	• REMOPLAST HS UVC NUS 80 µm	• REMOPLAST HS UVC NUS 80 µm	240 µm
C5 VH	Steel	Sa 2 1/2 medium (G)	• REMOPLAST EP ZINK 60 µm	• REMOPLAST MSR ULTRA IC 160 µm	• REMOPLAST UVC PL HS ES ³⁾ 100 µm	320 µm
C5 VH	Steel	Sa 2 1/2 medium (G)	• REMOPLAST EP ZINK 70 µm	• REMOPLAST HS-TL GLIMMER NUS 120 µm	• REMOPLAST HS UVC NUS 2x 80 µm	350 µm
C5 H	HDG	Sweep Blasting	• REM 61 PRIMER 80 µm		• REMOPLAST UVC PL HS ES ³⁾ 120 µm	200 µm
C5 H	HDG	Sweep Blasting	• REMOPLAST MSR ULTRAPRIMER 120 µm		• REMOPLAST UVC PL HS ES ³⁾ 80 µm	200 µm
C5 H	Steel	Sa 2 1/2	• REMOPLAST MSR ULTRAPRIMER 110 µm	• REMOPLAST MSR ULTRA IC 110 µm	• REMOPLAST UVC PL HS ES ³⁾ 80 µm	300 µm
C5 H	Steel	Sa 2 1/2 medium (G)	• REMOPLAST EP ZINK 80 µm	• REMOPLAST MSR ULTRA IC 100 µm	• REMOPLAST UVC PL HS ES ³⁾ 80 µm	260 µm
C4 H, C5 M	Steel	Sa 2 1/2	• REM AQUAPOX S31 80 µm	• REM AQUAPOX S31 80 µm	• REMOPLAST AQUA UVC 80 µm	240 µm
C4 H, C5 M	HDG	Sweep Blasting	• REM 61 PRIMER 80 µm		• REMOPLAST UVC PL HS ES ³⁾ 80 µm	160 µm
C4 H, C5 M	HDG	Sweep Blasting	• REMOPLAST MSR ULTRAPRIMER 80 µm		• REMOPLAST UVC PL HS ES ³⁾ 80 µm	160 µm
C4 H, C5 M	Steel	Sa 2 1/2	• REMOPLAST SPEED DRY 140 µm		• REMOPLAST UVC PL HS ES ³⁾ 100 µm	240 µm
C4 H, C5 M	Steel	Sa 2 1/2	• REMOPLAST MSR ULTRAPRIMER 160 µm		• REMOPLAST UVC PL HS ES ³⁾ 80 µm	240 µm
C3 H, C4 M, C5 L	Steel	Sa 2 1/2	• REM AQUAPOX S31 100 µm		• REMOPLAST AQUA UVC 80 µm	180 µm
C3 H, C4 M, C5 L	Steel	Sa 2 1/2	• REMOPLAST PRIMER 90 µm		• REMOPLAST UVC PL HS ES ³⁾ 90 µm	180 µm
C3 H, C4 M, C5 L	Steel	Sa 2 1/2	• REMOPLAST SPEED DRY 100 µm		• REMOPLAST UVC PL HS ES ³⁾ 80 µm	180 µm
C3 H, C4 M, C5 L	HDG	Sweep Blasting	/		• REMOPLAST UVC PL HS ES ³⁾ 120 µm	120 µm
C3 H, C4 M	Steel	Sa 2 1/2	• REM-AK CORROPRIMER 60 µm	• REM-AK CORROPRIMER 60 µm	• REM AK DS GLIMMER EXPRESS 80 µm	200 µm
C2 H, C3 M, C4 L	HDG	Sweep Blasting	/		• REM AQUA PLUS 80 µm	80 µm
C2 H, C3 M, C4 L	Steel	Sa 2 1/2	• REMOPLAST PRIMER 60 µm		• REMOPLAST UVC GLIMMER 60 µm	120 µm
C2 H, C3 M, C4 L	Steel	Sa 2 1/2	/		• REMOPLAST UVC PL HS ES ³⁾ 120 µm	120 µm
C2 H, C3 M	HDG	Sweep Blasting	/		• REM AQUA LAC DS-GLIMMER 80 µm	80 µm
C2 H	Steel	Sa 2 1/2	• REM-AK CORROPRIMER 80 µm		• REM AK DS GLIMMER EXPRESS 80 µm	160 µm
C2 H	Steel	Sa 2 1/2	• REM AQUA PLUS SZ PRIMER 80 µm		• REM AQUA PLUS SZ PRIMER 80 µm	160 µm

1) Surface preparation acc. ISO 12944-5 and ISO 8501-1

2) NDFT (NOMINAL DRY FILM THICKNESS) acc. ISO 12944-5

3) Acceleration with Remoplast UVC Accelerator or Remoplast UVC PL HS ES FAST

4) Accelerated version not suitable

The selection of system depends on the Corrosivity Class of the environment to which the object will be exposed (ISO 12944-2) and the predicted durability (ISO 12944-1). See page 169 (Table 1) for more details. Kansai Helios offers many other metal protection systems that can meet your specific requirements. Please contact your local representative for further information.

Corrosivity acc. ISO 12944-2

C5	very high
C4	high
C3	medium
C2	low

Durability acc. ISO 12944-1

VH	very high	> 25 years
H	high	15 – 25 years
M	medium	7 – 15 years
L	low	up to 7 years

Primer

REMOPLAST TL GLIMMER

2-K high solid epoxy intermediate or topcoat

- containing micaceous iron oxide
- good resistance to chemicals and oil
- high abrasion resistance

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	Steel constructions in rural, coast and industrial atmosphere e.g. steel halls, industrial plants, bridges.
SUBSTRATE / SURFACE PREPARATION:	Hot-dip galvanized steel: sweep blasting Primer: free from any contaminations
APPLICATION:	Brush, roller or airless-spraying
CONSUMPTION:	210 g/m ² for 80 µm
THINNER:	Verdünnung/Thinner 400
HARDENER:	EP-Härter Remoplast
MIXING RATIO:	weight: 6:1, volume: 3:1
COLOUR SHADE:	DB colour shades
PACKAGING:	Component A: 24 kg Component B: 4 kg

REMOPLAST EP ZINK

2-K high solid zinc rich epoxy primer

- very good corrosion protection up to C5 very high

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	Steel constructions in rural, coast and industrial atmosphere e.g. steel halls, industrial plants, bridges, hydraulic steel constructions.
SURFACE PREPARATION:	Steel: Blast cleaning, Sa 2 1/2 acc. ISO 8501-1
APPLICATION:	Brush or airless-spraying
CONSUMPTION:	310 g/m ² for 70 µm
THINNER:	Verdünnung/Thinner 400
HARDENER:	EP-Härter Remoplast
MIXING RATIO:	weight: 20:1, volume: 6.4:1
COLOUR SHADE:	zinc grey
PACKAGING:	Component A: 20 kg Component B: 1 kg

REM 61 PRIMER

2-K epoxy primer

- containing zinc phosphate
- primer with good anti-corrosive properties
- excellent adhesion on hot-dip galvanized steel and aluminium
- fast curing

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	Very good hardness, elasticity and resistance to solvents; therefore suitable as universal primer.
SURFACE PREPARATION:	Hot-dip galvanized steel: sweep blasting Steel: Blast cleaning, Sa 2 1/2 acc. ISO 8501-1 Aluminium: mat grinding
APPLICATION:	Brush, roller, conventional spraying, airless-spraying or electrostatic spraying
CONSUMPTION:	180 g/m ² for 60 µm
THINNER:	Verdünnung/Thinner 400
HARDENER:	EP-Härter Remoplast
MIXING RATIO:	weight: 6:1, volume: 3.5:1
COLOUR SHADE:	oak coloured ca. RAL 1002, lightgrey ca. RAL 7035, red-brown and white
PACKAGING:	Component A: 24 kg Component B: 4 kg

REMOPLAST MSR ULTRAPRIMER

2-K ultra high solid epoxy primer

- containing zinc phosphate
- primer with good anti-corrosive properties
- fast curing and recoatability
- high build application
- suitable even at low temperature down to 0°C.
- good adhesion on hot-dip galvanized steel

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	Steel constructions in rural, coast and industrial atmosphere e.g. steel halls, industrial plant constructions, bridges, metal facades, roofs, lattice masts, wall- and ceiling cladding, outside protection of silos.
SURFACE PREPARATION:	Hot-dip galvanized steel: sweep blasting Steel: Blast cleaning, Sa 2 1/2 acc. ISO 8501-1
APPLICATION:	Brush, roller or airless-spraying
CONSUMPTION:	188 g/m ² for 100 µm
THINNER:	Verdünnung/Thinner 400
HARDENER:	Remoplast Speed Hardener
MIXING RATIO:	weight: 10:1, volume: 5.5:1
COLOUR SHADE:	lightgrey ca. RAL 7035, red-brown
PACKAGING:	Component A: 27.0 kg Component B: 2.7 kg

REM AQUAPOX S31

2-K water based epoxy primer

- containing zinc phosphate
- primer with good anti-corrosive properties
- very fast curing and recoatability
- excellent adhesion on steel and sandblasted steel

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	Steel constructions in rural, coast and industrial atmosphere e.g. steel halls, industrial plants, transformers.
SURFACE PREPARATION:	Steel: Blast cleaning, Sa 2 1/2 acc. ISO 8501-1
APPLICATION:	Brush, roller, conventional spraying or airless-spraying
CONSUMPTION:	183 g/m ² at 60 µm
THINNER:	Water with not more than 15 degrees hardness
HARDENER:	Hardener APS 31
MIXING RATIO:	weight: 3:1, volume: 2.3:1
COLOUR SHADE:	red-brown, stone-grey
PACKAGING:	Component A: 21 kg Component B: 7 kg

REMOPLAST SPEED DRY

2-K high solid epoxy primer

- containing zinc phosphate
- primer with good anti-corrosive properties
- very fast curing and recoatability
- high build application

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	Steel constructions in rural, coast and industrial atmosphere e.g. steel halls, industrial plant constructions, metal facades, roofs, lattice masts, wall- and ceiling cladding, outside protection of silos.
SURFACE PREPARATION:	Steel: Blast cleaning, Sa 2 1/2 acc. ISO 8501-1
APPLICATION:	Brush, roller or airless-spraying
CONSUMPTION:	214 g/m ² 100 µm
THINNER:	Verdünnung/Thinner 400
HARDENER:	Remoplast Speed Hardener
MIXING RATIO:	weight: 12:1, volume: 7:1
COLOUR SHADE:	medium grey ca. RAL 7004, redbrown
PACKAGING:	Component A: 32.4 kg Component B: 2.7 kg

REMOPLAST PRIMER

2-K epoxy primer

- containing zinc phosphate
- primer with good anti-corrosive properties
- excellent adhesion on iron and steel
- fast curing

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	Steel constructions in rural and industrial atmosphere e.g. metal facades, roofs, lattice masts, wall- and ceiling cladding, outside protection of silos.
SURFACE PREPARATION:	Steel: Blast cleaning, Sa 2 acc. ISO 8501-1
APPLICATION:	Brush, roller, conventional spraying or airless-spraying
CONSUMPTION:	230 g/m ² for 80 µm
THINNER:	Verdünnung/Thinner 400
HARDENER:	Remoplast Härter
MIXING RATIO:	weight: 6:1, volume: 3.3:1
COLOUR SHADE:	Crème-white, light-grey, red-brown
PACKAGING:	Component A: 24 kg Component B: 4 kg

REM-AK CORROPRIMER

1-K alkyd coating

- containing zinc phosphate
- primer with good anti-corrosive properties
- excellent adhesion on iron and steel
- fast curing

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	Steel constructions in rural and industrial atmosphere e.g. metal facades, roofs, lattice masts, wall- and ceiling cladding, outside protection of silos.
SURFACE PREPARATION:	Steel: Blast cleaning, Sa 2 acc. ISO 8501-1
APPLICATION:	Brush, roller, conventional spraying or airless-spraying
CONSUMPTION:	110 g/m ² for 40 µm
THINNER:	Verdünnung/Thinner 500 - slow Verdünnung/Thinner 87052 - fast
HARDENER:	/
COLOUR SHADE:	grey ca. RAL 7011, red-brown, lightgrey ca. RAL 7035, other shades on request
PACKAGING:	28 kg

REM AQUA PLUS SZ PRIMER

1-K waterborne acrylic primer with anti-corrosive pigments

INSTRUCTIONS FOR USE

- for direct application on hot-dip galvanized steel and direct on steel

AREA OF APPLICATION:	Steel constructions in rural and shore near atmosphere. e.g. metal facades, roofs, lattice masts, wall- and ceiling cladding.
SURFACE PREPARATION:	Hot-dip galvanized steel: sweep blasting preferred Steel: Blast cleaning, Sa 2 1/2 acc. ISO 8501-1
APPLICATION:	Brush or airless-spraying
CONSUMPTION:	196 g/m ² for 70 µm
THINNER:	Water with not more than 15 degrees hardness
HARDENER:	/
COLOUR SHADE:	ca. RAL 7001, RAL 6019, other shades on request
PACKAGING:	30 kg

Intermediate Coat**REMOPLAST HS UVC NUS**

2-K high solid polyurethane top coat

INSTRUCTIONS FOR USE

- good weathering resistance
- high chemical and high abrasion resistance
- fast drying
- approved according RVS 15.05.11.

AREA OF APPLICATION:	Steel constructions in rural, coast and industrial atmosphere. e.g. metal facades, steel halls, industrial plants, bridges, silo.
SUBSTRATE / SURFACE PREPARATION:	Primers/Intermediate coats: free from any contaminations
APPLICATION:	Brush, roller or airless-spraying
CONSUMPTION:	200 g/m ² for 80 µm
THINNER:	Verdünnung/Thinner 200
HARDENER:	PU-Härter 400 UVC
MIXING RATIO:	weight: 10:1, volume: 6,1:1
COLOUR SHADE:	DB (MIO)
GLOSS:	silky gloss
PACKAGING:	Component A: 10 kg Component B: 1 kg

REMOPLAST MSR ULTRA IC

2-K ultra high solid epoxy intermediate or topcoat

- containing micaceous iron oxide
- good resistance to chemicals and oil
- high abrasion resistance
- fast drying
- suitable even at low temperature down to 0 °C

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	Steel constructions in rural, coast and industrial atmosphere e.g. steel halls, industrial plants, bridges.
SUBSTRATE / SURFACE PREPARATION:	Hot-dip galvanized steel: sweep blasting Primer: free from any contaminations
APPLICATION:	Brush, roller or airless-spraying
CONSUMPTION:	194 g/m ² for 100 µm
THINNER:	Verdünnung/Thinner 400
HARDENER:	Remoplast Speed Hardener
MIXING RATIO:	weight: 10:1, volume: 5.5:1
COLOUR SHADE:	medium grey ca. RAL 7001, beigegrey ca. RAL 7032
PACKAGING:	Component A: 27.0 kg Component B: 2.7 kg

REMOPLAST HS-TL GLIMMER NUS

2-K ultra high solid epoxy intermediate coat

- containing micaceous iron oxide
- fast drying
- high build up to 180 µm
- approved according RVS 15.05.11.

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	Steel constructions in rural, coast and industrial atmosphere e.g. steel halls, industrial plants, bridges.
SUBSTRATE / SURFACE PREPARATION:	Primers: free from any contaminations
APPLICATION:	Roller or airless-spraying
CONSUMPTION:	200 g/m ² for 80 µm
THINNER:	Verdünnung/Thinner 400
HARDENER:	Remoplast HS Rapid Härter
MIXING RATIO:	weight: 9:1, volume: 4.4:1
COLOUR SHADE:	DB colour shades
PACKAGING:	Component A: 18 kg Component B: 2 kg

REM AQUAPOX S31

2-K water based epoxy primer

- containing zinc phosphate
- primer with good anti-corrosive properties
- very fast curing and recoatability
- excellent adhesion on steel and sandblasted steel

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	Steel constructions in rural, coast and industrial atmosphere e.g. steel halls, industrial plants, transformers.
SURFACE PREPARATION:	Steel: Blast cleaning, Sa 2 1/2 acc. ISO 8501-1
APPLICATION:	Brush, roller, conventional spraying or airless-spraying
CONSUMPTION:	183 g/m ² for 60 µm
THINNER:	Water with not more than 15 degrees hardness
HARDENER:	Hardener APS 31
MIXING RATIO:	weight: 3:1, volume: 2.3:1
COLOUR SHADE:	red-brown, stone-grey
PACKAGING:	Component A: 21 kg Component B: 7 kg

REM-AK CORROPRIMER

1-K alkyd coating

- containing zinc phosphate
- primer with good anti-corrosive properties
- excellent adhesion on iron and steel
- fast curing

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	Steel constructions in rural and industrial atmosphere e.g. metal facades, roofs, lattice masts, wall- and ceiling cladding, outside protection of silos.
SURFACE PREPARATION:	Steel: Blast cleaning, Sa 2 acc. ISO 8501-1
APPLICATION:	Brush, roller, conventional spraying or airless-spraying
CONSUMPTION:	110 g/m ² for 40 µm
THINNER:	Verdünnung/Thinner 500 - slow Verdünnung/Thinner 87052 - fast
HARDENER:	/
COLOUR SHADE:	grey ca. RAL 7011, red-brown, lightgrey ca. RAL 7035, other shades on request
PACKAGING:	28 kg

Top Coat

REMOPLAST HS UVC NUS

2-K high solid polyurethane top coat

- good weathering resistance
- high chemical and high abrasion resistance
- fast drying
- approved according RVS 15.05.11.

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	Steel constructions in rural, coast and industrial atmosphere. e.g. metal facades, steel halls, industrial plants, bridges, silo.
SUBSTRATE / SURFACE PREPARATION:	Primers/Intermediate coats: free from any contaminations
APPLICATION:	Brush, roller or airless-spraying
CONSUMPTION:	200 g/m ² for 80 µm
THINNER:	Verdünnung/Thinner 200
HARDENER:	PU-Härter 400 UVC
MIXING RATIO:	weight: 10:1, volume: 6,1:1
COLOUR SHADE:	DB (MIO)
GLOSS:	silky gloss
PACKAGING:	Component A: 10 kg Component B: 1 kg

REMOPLAST UVC PL HS ES

2-K high solid polyurethane top coat and direct to metal coat

- good weathering resistance
- DTM up to C3 high
- acceleration with Remoplast UVC Accelerator

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	Steel constructions in rural, coast and industrial atmosphere. e.g. metal facades, steel halls, industrial plants, bridges, silos.
SUBSTRATE / SURFACE PREPARATION:	Hot-dip galvanized steel: sweep blasting preferred Steel: Blast cleaning, Sa 2 1/2 acc. ISO 8501-1 Primers/Intermediate coats: free from any contaminations
APPLICATION:	Brush, roller or airless-spraying
CONSUMPTION:	162 g/m ² for 80 µm
THINNER:	Verdünnung/Thinner 200 Verdünnung/Thinner 222 Verdünnung/Thinner 87052
HARDENER:	PU-Härter 400 UVC
MIXING RATIO:	weight: 10:1, volume: 7:1
COLOUR SHADE:	RAL or NCS
GLOSS:	silky gloss, matt
PACKAGING:	Component A: 10 kg and 30 kg Component B: 1 kg and 3 kg

REMOPLAST AQUA UVC

2-K water based polyurethane top coat

INSTRUCTIONS FOR USE

- good weathering resistance
- high chemical and high abrasion resistance
- fast drying

AREA OF APPLICATION:	Steel constructions in rural, coast and industrial atmosphere. e.g. metal facades, steel halls, industrial plants, transformers.
SUBSTRATE / SURFACE PREPARATION:	Primers/Intermediate coats: free from any contaminations
APPLICATION:	Brush, roller or airless-spraying
CONSUMPTION:	200 g/m ² for 70 µm
THINNER:	Water with not more than 15 degrees hardness
HARDENER:	PU-Härter 440
MIXING RATIO:	weight: 10:1, volume: 6,8:1
COLOUR SHADE:	RAL or NCS
GLOSS:	silky gloss
PACKAGING:	Component A: 10 kg Component B: 1 kg

REM AK DS GLIMMER EXPRESS

1-K alkyd combination coating

INSTRUCTIONS FOR USE

- high build
- fast drying

AREA OF APPLICATION:	Steel constructions in rural and industrial atmosphere e.g. metal facades, roofs, lattice masts, wall- and ceiling cladding, outside protection of silos.
SUBSTRATE / SURFACE PREPARATION:	1-K Alkyd Primer: free from any contaminations
APPLICATION:	Brush, roller or airless-spraying
CONSUMPTION:	164 g/m ² for 60 µm
THINNER:	Verdünnung/Thinner 500
HARDENER:	/
MIXING RATIO:	/
COLOUR SHADE:	RAL or NCS
GLOSS:	semi-gloss
PACKAGING:	20 kg

REM AQUA PLUS

1-K waterborne acrylic top coat

- for direct application on hot-dip galvanized steel
- good weather resisting, gloss and colour stability
- good salinity resistance
- fast drying and recoatable

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	Steel constructions in rural and coast atmosphere. e.g. metal facades, roofs, lattice masts, wall- and ceiling cladding, bridge rails.
SUBSTRATE / SURFACE PREPARATION:	Hot-dip galvanized steel: sweep blasting preferred Primer: free from any contaminations
APPLICATION:	Brush or airless-spraying
CONSUMPTION:	198 g/m ² for 70 µm
THINNER:	Water with not more than 15 degrees hardness
HARDENER:	/
MIXING RATIO:	/
COLOUR SHADE:	RAL
GLOSS:	silk matt
PACKAGING:	30 kg

REMOPLAST UVC GLIMMER

2-K high solid polyurethane top coat

- good weathering resistance
- high chemical and high abrasion resistance

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	Steel constructions in rural, coast and industrial atmosphere. e.g. metal facades, steel halls, industrial plants, bridges.
SUBSTRATE / SURFACE PREPARATION:	Primers/Intermediate coats: free from any contaminations
APPLICATION:	Brush, roller or airless-spraying
CONSUMPTION:	200 g/m ² for 80 µm (RAL), 230 g/m ² for 80 µm (MIO)
THINNER:	Verdünnung/Thinner 200 Verdünnung/Thinner 222 Verdünnung/Thinner 87052
HARDENER:	PU-Härter 400 UVC
MIXING RATIO:	weight (RAL, MIO): 10:1 volume (RAL): 8:1 volume (DB, MIO): 6,7:1
COLOUR SHADE:	RAL, DB or NCS
GLOSS:	silky gloss
PACKAGING:	Component A: 10 kg Component B: 1 kg

REM AQUA LAC DS-GLIMMER

1-K waterborne acrylic top coat

- for direct application on hot-dip galvanized steel
- good weather resisting, gloss and colour stability

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	Steel constructions in rural atmosphere. e.g. metal facades, roofs, lattice masts, wall- and ceiling cladding, bridge rails.
SUBSTRATE / SURFACE PREPARATION:	Hot-dip galvanized steel: sweep blasting preferred Primer: free from any contaminations
APPLICATION:	Brush or airless-spraying
CONSUMPTION:	172 g/m ² for 70 µm
THINNER:	Water with not more than 15 degrees hardness
HARDENER:	/
MIXING RATIO:	/
COLOUR SHADE:	RAL, ICAO-red and white
GLOSS:	silk matt
PACKAGING:	30 kg

REM AQUA PLUS SZ PRIMER

1-K waterborne acrylic primer with anti-corrosive pigments

- for direct application on hot-dip galvanized steel and direct on steel

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	Steel constructions in rural and shore near atmosphere. e.g. metal facades, roofs, lattice masts, wall- and ceiling cladding.
SURFACE PREPARATION:	Hot-dip galvanized steel: sweep blasting preferred Steel: Blast cleaning, Sa 2 1/2 acc. ISO 8501-1
APPLICATION:	Brush or airless-spraying
CONSUMPTION:	196 g/m ² for 70 µm
THINNER:	Water with not more than 15 degrees hardness
HARDENER:	/
COLOUR SHADE:	ca. RAL 7001, RAL 6019, other shades on request
PACKAGING:	30 kg



ÖAMTC

Metal protection



4.2.2 POWDER COATINGS

CORROSION CLASS ACCORDING TO ISO 12944-2	DURABILITY ACCORDING TO ISO 12944-1	SUBSTRATE	SUBSTRATE PREPARATION	PRIMER	TOP COAT		DRY FILM THICKNESS (DFT), µm
					exterior	interior	
PREMIUM C5	High 15–25 years	Steel	sand blasting	• CPC 60-1 Zn primer	• CPC 22 • CPC 21 • CPC 24 • CPC 50	• CPC 41 • CPC 42 • CPC 44	110 – 160
			Zn fosfat	• CPC 60-3 primer	• CPC 22 • CPC 21 • CPC 24 • CPC 50	• CPC 41 • CPC 42 • CPC 44	110–160
		Steel-galvanized	sanding / swipping preheating (200 °C)	• CPC 60-3 primer	• CPC 22 • CPC 21 • CPC 24 • CPC 50	• CPC 41 • CPC 42 • CPC 44	110–160
		Aluminum	chromating	• CPC 60-3 primer	• CPC 22 • CPC 21 • CPC 24 • CPC 50	• CPC 41 • CPC 42 • CPC 44	110–160
	Medium 7–15 years	Steel	Zn fosfat		• CPC 22 • CPC 21 • CPC 24 • CPC 50	• CPC 41 • CPC 42 • CPC 44	70 – 150
		Aluminum	chromating		• CPC 22 • CPC 21 • CPC 24 • CPC 50	• CPC 41 • CPC 42 • CPC 44	70–150
STANDARD C4	High 15–25 years	Steel	Zn fosfat		• CPC 21 • CPC 24 • CPC 20	• CPC 41 • CPC 42 • CPC 44	70 – 150
		Aluminum	chromating		• CPC 21 • CPC 24 • CPC 20	• CPC 41 • CPC 42 • CPC 44	70 – 150
	Medium 7–15 years	Steel	sand blasting		• CPC 21 • CPC 24 • CPC 20	• CPC 41 • CPC 42 • CPC 44	70 – 150
		Steel	Fe fosfat		• CPC 24 • CPC 20	• CPC 41 • CPC 42 • CPC 44	70 – 150
	Low up to 7 years	Aluminum	degreasing		• CPC 21 • CPC 24 • CPC 20	• CPC 41 • CPC 42 • CPC 44	70 – 150
ECONOMICAL C3	High 15–25 years	Steel	Fe fosfat		• CPC 24 • CPC 20	• CPC 41 • CPC 42 • CPC 44	70 – 150
		Medium 7–15 years	Steel	degreasing	• CPC 60-3 primer	• CPC 24 • CPC 20	• CPC 41 • CPC 42 • CPC 44
	• CPC 20-4					• CPC 41-3 • CPC 41-4	70 – 150
	Low up to 7 years	Steel	degreasing		• CPC 24 • CPC 20	• CPC 41 • CPC 42 • CPC 44	70 – 150
Aluminum							

Primer

CPC 60-1 Zn primer

Epoxy powder coating



- epoxy primer for anti-corrosion protection
- high proportion of zinc

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	protection of metal surfaces against corrosion, especially in systems without chemical pretreatment (phosphate, zinc). It achieves the best results on sand-blasted surfaces. Due to the nature of the binder (epoxy resin), it is not UV-resistant and needs to be covered for external exposure with a suitable final powder coating (polyester, PU).
SURFACE PREPARATION:	Aluminum: degreasing Galvanized surface: degreasing, sanding Iron: degreasing Previous chemical pretreatment further improves corrosion protection
CONSUMPTION:	4 – 6 m ² /kg at a thickness 60 µm
SURFACE:	smooth
APPEARANCE:	semi-matte
COLOUR SHADE:	grey
APPLICATION:	electrostatic spraying
HARDENING:	15 min. / 160°C or 10 min. / 180°C
PACKAGING:	20 kg

CPC 60-3 primer

Epoxy powder coating



- epoxy primer for anti-corrosion protection
- without zinc
- good resistance to solvents and chemicals

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	protection of metal surfaces against corrosion, especially in systems without chemical pretreatment (phosphate, zinc). We recommend it especially for smooth surfaces, because it achieves similar protective results as the Zn primer. Due to the nature of the binder (epoxy resin), the primer is not UV resistant and it needs to be covered with a suitable final powder coating (polyester, PU) for external exposure.
SURFACE PREPARATION:	Aluminum: degreasing Galvanized surface: degreasing, sanding Iron: degreasing Previous chemical pretreatment further improves corrosion protection
CONSUMPTION:	7 – 9 m ² /kg at a thickness 70 µm
SURFACE:	smooth
APPEARANCE:	matt
COLOUR SHADE:	CPC 60-3 grey B 68 - grey, cca. RAL 7036, CPC 60-3 primer beli – light grey ca. RAL 7047
APPLICATION:	electrostatic spraying
HARDENING:	20 min. / 180°C. In the case of covering with a covering powder, it is sufficient 10 min / 180°C, because the missing 10 minutes is gained during the curing of the cover layer.
PACKAGING:	20 kg

Top coat

CPC 20

Polyester powder coating



- good resistance to atmospheric influences
- very good mechanical properties
- uniform pouring
- good stability during storage

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	The CPC 20 system is a powder coating based on polyester resin hardened with hydroxyalkylamide (Primide). They are intended to protect objects that are exposed to external influences (direct sunlight), such as: agricultural machinery and garden tools, camping equipment and garden furniture, car parts, bicycles...
SURFACE PREPARATION:	Aluminium: yellow or green chromating Galvanized surface: transparent chromating Iron: zinc phosphate, thin iron phosphate or thick iron phosphate
SURFACE:	smooth with effect
APPEARANCE:	gloss, semi-matt, matte
APPLICATION:	electrostatic or tribo spraying
CONSUMPTION:	7 – 9 m ² /kg at a thickness 70 µm
HARDENING:	CPC 20-1: 10 min. / 180°C or 15 min / 175°C CPC 20-3: 20 min. /180 °C the exact specification of the curing regime is indicated on the label
COLOUR SHADE:	various RAL and NCS shades
PACKAGING:	15 or 20 kg

CPC 21

Polyester powder coating



- Qualicoat certificate
- very good resistance to weather influences
- very good UV resistance
- very good mechanical properties
- good stability during storage

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	The CPC 21 system is a powder coating based on polyester resin hardened with hydroxyalkylamide (Primide). They are intended to protect objects that are exposed to external influences (direct sunlight), such as: facade elements, aluminum profiles, agricultural machinery and garden tools, camping equipment and garden furniture, automotive parts, bicycles... Compared to CPC 20, they offer better UV resistance - gloss retention and shade stability.
SURFACE PREPARATION:	Aluminium: yellow or green chromating Galvanized surface: transparent chromating Iron: zinc phosphate, thin iron phosphate or thick iron phosphate
SURFACE:	smooth
APPEARANCE:	gloss, matt
APPLICATION:	electrostatic or tribo spraying
CONSUMPTION:	7 – 9 m ² /kg at a thickness 70 µm
HARDENING:	CPC 21-1: 10–20 min. / 180°C or 7-15 min / 190°C CPC 21-3: 20 min. / 180 °C or 15 min / 190°C the exact specification of the curing regime is indicated on the label
COLOUR SHADE:	various RAL and NCS shades, other shades on demand
PACKAGING:	20 kg

CPC 22

Polyester powder coating



- excellent weather resistance
- excellent UV resistance
- good mechanical properties
- good stability during storage

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	The CPC 22 system is a powder coating based on polyester resin hardened with hydroxyalkylamide (Primide). They are intended to protect objects that are exposed to external influences (direct sunlight), such as: facade elements, aluminum profiles, agricultural machinery and garden tools, camping equipment and garden furniture, automotive parts, bicycles... Of all the CPC powder coatings, the CPC 22 group has the highest gloss and shade durability.
SURFACE PREPARATION:	Aluminium: yellow or green chromating Galvanized surface: transparent chromating Iron: zinc phosphate, thin iron phosphate or thick iron phosphate
SURFACE:	smooth
APPEARANCE:	gloss
APPLICATION:	electrostatic spraying
CONSUMPTION:	7 – 9 m ² /kg at a thickness 70 µm
HARDENING:	CPC 22-1: 15–30 min. / 180°C or 10–20 min / 190°C CPC 22-3: 20–40 min. / 180 °C or 10–20 min / 200°C the exact specification of the curing regime is indicated on the label
COLOUR SHADE:	various RAL and NCS shades, other shades on demand
PACKAGING:	20 kg

CPC 24

Polyester powder coating



- very good weather resistance influences
- very good UV resistance
- good mechanical properties
- good stability during storage
- Qualicoat certificate (glossy coatings)

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	The CPC 24 system is a powder coating based on polyester resin hardened with hydroxyalkylamide (Primide). They have a higher reactivity than standard industrial polyesters (CPC 20) – which enables curing at lower temperatures (160°C vs 180°C). They are intended to protect objects that are exposed to external influences (direct solar radiation), such as: agricultural machinery and garden tools, camping equipment and garden furniture, car parts, two-wheelers...
SURFACE PREPARATION:	Aluminium: yellow or green chromating Galvanized surface: transparent chromating Iron: zinc phosphate, thin iron phosphate or thick iron phosphate
SURFACE:	smooth with effect
APPEARANCE:	gloss, semi-matt
APPLICATION:	electrostatic or tribo spraying
CONSUMPTION:	7 – 9 m ² /kg at a thickness 70 µm
HARDENING:	CPC 24-1: 15 min. / 160°C or 7 min / 190°C the exact specification of the curing regime is indicated on the label
COLOUR SHADE:	various RAL and NCS shades
PACKAGING:	20 kg

CPC 41

Polyester powder coating



- very good mechanical properties
- uniform pouring
- good stability during storage

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	The CPC 41 system is a powder coating based on polyester and epoxy resin. They are intended to protect objects that are not exposed to external influences, such as: metal furniture, electrical and small household appliances. For refrigerators and washing machines CPC 42 and CPC 43 systems are used...
SURFACE PREPARATION:	Aluminium: yellow or green chromating Galvanized surface: transparent chromating Iron: zinc phosphate, thin iron phosphate or thick iron phosphate
SURFACE:	smooth with effect
APPEARANCE:	gloss, semi-matt, matte
APPLICATION:	electrostatic or tribo spraying
CONSUMPTION:	7 – 9 m ² /kg at a thickness 70 µm
HARDENING:	CPC 41-1: 10 min. / 180°C or 15 min / 175°C CPC 41-3: 20 min. /180 °C the exact specification of the curing regime is indicated on the label
COLOUR SHADE:	various RAL and NCS shades
PACKAGING:	15 or 20 kg

CPC 42

Polyester powder coating



- very good mechanical properties
- good resistance to household stains
- good resistance to detergent solutions
detergents
- good stability during storage

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	The CPC 42 system is a powder coating based on polyester and epoxy resin. They are intended to protect objects that are not exposed to external influences, such as: household appliances (refrigerators), electrical appliances... Compared to the CPC 41 group, they show better chemical resistance.
SURFACE PREPARATION:	Aluminium: yellow or green chromating Galvanized surface: transparent chromating Iron: zinc phosphate, thin iron phosphate or thick iron phosphate
SURFACE:	smooth
APPEARANCE:	gloss, semi-matt
APPLICATION:	electrostatic or tribo spraying
CONSUMPTION:	7 – 9 m ² /kg at a thickness 70 µm
HARDENING:	CPC 41-1: 20 min. / 160°C or 10 min / 180°C the exact specification of the curing regime is indicated on the label
COLOUR SHADE:	various shades
PACKAGING:	15 or 20 kg

CPC 44

Polyester powder coating



- good mechanical properties
- uniform pouring
- good stability during storage

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	The CPC 44 system is a powder coating based on polyester and epoxy resin with accelerated hardening, which allows hardening at lower temperatures (160°C vs 180°C). They are intended to protect objects that are not exposed to external influences, such as e.g.: household appliances (white goods), electrical appliances...
SURFACE PREPARATION:	Aluminium: yellow or green chromating Galvanized surface: transparent chromating Iron: zinc phosphate, thin iron phosphate or thick iron phosphate
SURFACE:	smooth with effect
APPEARANCE:	gloss, semi-matt
APPLICATION:	electrostatic or tribo spraying
CONSUMPTION:	7 – 9 m ² /kg at a thickness 70 µm
HARDENING:	CPC 44-1: 10 min. / 160°C or 20 min / 150°C the exact specification of the curing regime is indicated on the label
COLOUR SHADE:	various RAL and NCS shades
PACKAGING:	20 kg

CPC 50

Polyester powder coating



- good resistance to weather influences
- good chemical resistance
- good elasticity
- uniform pouring

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	The CPC 50 system is a polyurethane powder coating. They have a higher chemical resistance, compared to polyester powder coatings (CPC 21), which extends durability protection. They are intended for protection of objects exposed to external influences (direct sun radiation), such as: camping equipment and garden furniture, car parts, bicycles...
SURFACE PREPARATION:	Aluminium: yellow or green chromating Galvanized surface: transparent chromating Iron: zinc phosphate, thin iron phosphate or thick iron phosphate
SURFACE:	smooth
APPEARANCE:	gloss, semi-matt, matte
APPLICATION:	electrostatic spraying
CONSUMPTION:	7 – 9 m ² /kg at a thickness 70 µm
HARDENING:	CPC 50-1: 10–15 min. / 200°C the exact specification of the curing regime is indicated on the label
COLOUR SHADE:	various RAL and NCS shades
PACKAGING:	15 or 20 kg

Durability of the coating systems

Standard ISO 12944 – 1 defines three classes of durability of anti-corrosion coating systems:

- Low (L) up to 7 years
- Medium (M) 7 – 15 years
- High (H) 15 – 25 years
- Very High (VH) more than 25 years

TABLE 1: ENVIRONMENT CLASSIFICATION ACCORDING TO ISO 12944-2

Corrosion class according to ISO 12944-2	Durability according to ISO 12944-1		TYPICAL EXAMPLES OF ENVIRONMENTS AND STRUCTURES	
			Outdoors	Indoors
C1 very low				Heated buildings with a clean atmosphere e.g. offices, shops, schools, hotels
C2 low	low medium high very high	up to 7 years 7 – 15 years 15 – 25 years >25 years	Atmospheres with a low level of pollution, mostly countryside areas	Unheated premises, where condensation of moisture can occur, e.g. warehouses, sports halls
C3 medium	low medium high very high	up to 7 years 7 – 15 years 15 – 25 years >25 years	City and industrial atmosphere, moderate pollution with sulfur dioxide, seaside areas with low salinity	Production halls with high humidity and moderate air pollution, e.g. food industry, laundries, breweries, dairies
C4 high	low medium high very high	up to 7 years 7 – 15 years 15 – 25 years >25 years	Industrial areas and seaside areas with moderate salinity	Chemical plants, swimming pools, various vessels and ports
C5 I industry	low medium high very high	up to 7 years 7 – 15 years 15 – 25 years >25 years	Industrial areas with high humidity and an aggressive atmosphere	Buildings or areas with an almost constant condensation of humidity and high pollution
C5 M seaside	low medium high very high	up to 7 years 7 – 15 years 15 – 25 years >25 years	Coastal and offshore areas with high salinity	Buildings or areas with an almost constant condensation of humidity and high pollution

The thicknesses for each coating system are given in the tables on p. 149 (wet coatings) and p. 163 (powder coatings).



WOOD PROTECTION

5.1.1	Wood protection (enamels)	173
5.1.2	Wood protection (transparent coatings)	181
5.2	Industrial Wood protection	188
5.2.1	Wood protection (enamels)	191
5.2.2	Wood protection (transparent coatings)	191
5.2.3	Wood protection (oils)	191
	Technical information	195



5.1.1 WOOD PROTECTION (ENAMELS)

QUALITY LEVEL	IMPEGNATION	PUTTY	PRIMER	TOP COAT
PREMIUM	<p>water</p>  <ul style="list-style-type: none"> • BORI AQUA IMPEGNATION WITH BIOCIDES 	 <ul style="list-style-type: none"> • TESSAROL ACRYLIC PUTTY FOR WOOD 	 <ul style="list-style-type: none"> • TESSAROL ACRYLIC PRIMER FOR WOOD 	 <ul style="list-style-type: none"> • TESSAROL ACRYLIC ENAMEL
	<p>solvent</p>  <ul style="list-style-type: none"> • BORI IMPEGNATION WITH BIOCIDES W 	 <ul style="list-style-type: none"> • TESSAROL SPATULA PUTTY 	 <ul style="list-style-type: none"> • TESSAROL PRIMER FOR WOOD 	 <ul style="list-style-type: none"> • TESSAROL PRO PROTECT • TESSAROL ENAMEL
	<p>water</p>  <ul style="list-style-type: none"> • COLOR WOOD PUTTY 	 <ul style="list-style-type: none"> • COLOR ACRYLIC PRIMER FOR WOOD 	 <ul style="list-style-type: none"> • COLOR ACRYLIC ENAMEL 	
	<p>solvent</p>  <ul style="list-style-type: none"> • COLOR WOOD PUTTY 	 <ul style="list-style-type: none"> • COLOR PRIMER FOR WOOD 	 <ul style="list-style-type: none"> • COLOR ENAMEL 	

Impregnation

BORI IMPREGNATION WITH BIOCIDES W

Solvent-based protection of wood against blue stain, mould, wood fungi and insects



- good penetration
- easy to apply



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the impregnation of outdoor wood (windows, doors, roofings, panellings, pergolas, fences, garden furniture) and in damp indoor rooms (bathrooms, kitchens, cellars).
CONSUMPTION:	1 l covers 6–7 m ² of surface in 1 coat
THINNING:	ready for use
PACKAGING UNITS:	0.75 l / 2.5 l
COLOUR SHADES:	colourless

BORI AQUA IMPREGNATION WITH BIOCIDES

A water-based protection of wood from blue stains, mould, wood fungus and insects



- good penetration
- easy to apply



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the impregnation of outdoor wood (roofings, projecting roofs, fences, garden houses) and in damp interior rooms (bathrooms, kitchens, cellars).
CONSUMPTION:	1 l covers 8–9 m ² of surface in 1 coat
THINNING:	ready for use
PACKAGING UNITS:	0.75 l / 5 l
COLOUR SHADES:	colourless

Putty

TESSAROL SPATULA PUTTY

Good sanding



- solvent-based
- easy to apply



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	levelling out of surface – elimination of defects and damages, such as cracks, dents, scratches.
CONSUMPTION:	depends on the size of damage
THINNING:	ready for use
PACKAGING UNITS:	0.5 kg / 0.9 kg
COLOUR SHADES:	white

TESSAROL ACRYLIC PUTTY FOR WOOD

Very quick drying and good sanding



- easy to apply
- environmentally friendly

**INSTRUCTIONS FOR USE**

AREA OF APPLICATION:	for levelling out of smaller surface irregularities on wooden surfaces prior to the application of decorative priming coatings in interior rooms and outdoors.
CONSUMPTION:	1 kg covers 1 m ² of surface in with a 1 mm coat thickness
THINNING:	ready for use
PACKAGING UNITS:	0.75 kg
COLOUR SHADES:	white, spruce, beech, oak

COLOR WOOD PUTTY

Aimed at eliminating defects and damage on wood surfaces



- solvent-based
- for surfaces exposed to weather influences
- easy to use
- ensures nice, smooth surfaces

**INSTRUCTIONS FOR USE**

AREA OF APPLICATION:	for putting small cracks and unevenness prior to application.
CONSUMPTION:	depends on the size of damage
PACKAGING UNITS:	0.5 kg / 0.9 kg
COLOUR SHADES:	white

Primer**TESSAROL PRIMER FOR WOOD**

Evens out the surface absorbency



- solvent-based
- priming matt coating which enables the wood to breathe
- good coverage
- good levelling
- easy to work with
- good adhesion

**INSTRUCTIONS FOR USE**

AREA OF APPLICATION:	different wooden surfaces (windows, doors, fences, wooden structures), hardboard, chipboard, renovation of old furniture.
CONSUMPTION:	1l covers 10 – 12 m ² of surface in 1 coat
THINNING:	ready for use
PACKAGING UNITS:	0.75 l / 2.5 l
COLOUR SHADES:	white

TESSAROL ACRYLIC PRIMER FOR WOOD

Contains an additive which blocks water-soluble substances (prevents the formation of yellow stains)



- quick-drying
- thinning with water
- eco-friendly
- no unpleasant odours
- good adhesion

**INSTRUCTIONS FOR USE**

AREA OF APPLICATION:	different wooden surfaces (windows, doors, fences, wooden structures), different panellings in interior rooms and outdoors.
CONSUMPTION:	1 l covers 8 – 10 m ² of surface in 1 coat
THINNING:	water
PACKAGING UNITS:	0.75 l
COLOUR SHADES:	white

COLOR PRIMER FOR WOOD

Primer for the protection of wood surfaces



- for indoors and outdoors
- good coverage

**INSTRUCTIONS FOR USE**

AREA OF APPLICATION:	for larger and smaller surfaces; for the best effect apply before use.
CONSUMPTION:	0.65 l / 6 – 8 m ² 3.5 l / 32 – 42 m ²
PACKAGING UNITS:	0.65 l / 3.5 l
COLOUR SHADES:	white

COLOR ACRYLIC PRIMER FOR WOOD

Water-based primer for the protection of wood



- equalizes the absorbency of wood surfaces
- improves the adhesion of the final top coat
- good coverage
- prevents the further soaking of water-soluble substances in wood (tannin)
- quick-drying

**INSTRUCTIONS FOR USE**

AREA OF APPLICATION:	water-based primer for the protection of wood indoors and outdoors.
CONSUMPTION:	1 l covers 8 – 10 m ² of surface in 1 coat
THINNING:	with water, if required
PACKAGING UNITS:	0.65 l
COLOUR SHADES:	white

Top coat

TESSAROL ACRYLIC ENAMEL (GLOSS/SATIN)

Quick-drying without an unpleasant smell



- eco-friendly
- thinning with water
- stable gloss and colour shades (white and light colours shades do not become yellow)
- good elasticity
- resistant to household cleaning agents



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for windows, doors, fittings, wood claddings, fences, structures, simple furniture indoors and outdoors.
CONSUMPTION:	1 l covers 10 – 12 m ² of surface in 1 coat
THINNING:	water
PACKAGING UNITS:	standard colour shades: 0.2 l / 0.65 l / 2.6 l HGMIX: 0.65 l / 2.6 l

COLOUR SHADES: satin: white and 10 standard colour shades
gloss: white and black



TESSAROL PRO PROTECT

Quick-drying top coat for the protection of metals, wood and elements from artificial materials, both indoors and outdoors



- up to 10 years of uv persistence
- stable gloss and stable colour shade (white and light shades practically do not become yellowish)
- excellent hiding power
- quick drying – 6 hours
- easy to apply, easy to work with, good levelling
- good elasticity and hardness
- great weather resistance
- resistance to household cleaning agents



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	windows, doors, fittings, wood claddings, fences, constructions, simple furniture in indoor surfaces and outdoor areas.
CONSUMPTION:	1 l covers 14 – 16 m ² of surface in 1 coat
THINNING:	with TESSAROL thinner if necessary
PACKAGING UNITS:	standard colour shades: 0.75 l HGMIX: 0.75 l

COLOUR SHADES: satin: white
gloss: white



TESSAROL ENAMEL (GLOSS/SATIN)

Long-term colour protection of different surfaces



- excellent hiding power and levelling
- good elasticity and hardness
- stable gloss and colour shade
- finishing gloss or semi-gloss coat
- good weather- and light resistance



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for windows, doors, fittings, wood claddings, fences, structures, simple furniture indoors and outdoors.
CONSUMPTION:	1 l covers 14 – 16 m ² of surface in 1 coat
THINNING:	ready for use
PACKAGING UNITS:	standard shades: 0.2 l / 0.75 l / 2.5 l / 10 l (silver) HGMIX: 1 l / 3 l / 10 l

COLOUR SHADES: gloss: white and 15 standard colour shades
satin: white (1S) and black (2S)



COLOR ENAMEL

Comprehensive protection and decoration of wooden and metal surfaces

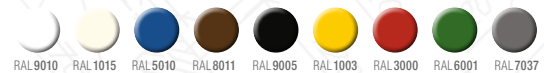


- protection against weather influences
- high level of hiding power
- easy to use



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for combining comprehensive protection and decoration, as it is intended for both wood and metal surfaces. For painting wood and metal surfaces with COLOR ENAMEL to protect from weather effects, such as water and UV rays.
CONSUMPTION:	0.65 l / 7 – 9 m ² 3.5 l / 42 – 49 m ²
THINNING:	ready for use
PACKAGING UNITS:	0.65 l / 3.5 l



COLOR ACRYLIC ENAMEL

Comprehensive protection and decoration of wooden and metal surfaces

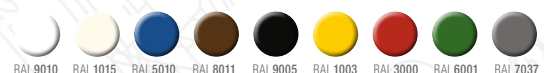


- protects against all weather influences
- quick-drying
- no unpleasant odours
- does not yellow
- water-based



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for combining comprehensive protection and decoration, as it is intended for both wood and metal surfaces. For painting wood and metal surfaces with COLOR ENAMEL to protect from weather effects, such as water and UV rays.
CONSUMPTION:	1 l covers 9 – 11 m ² of surface in 1 coat
THINNING:	ready for use
PACKAGING UNITS:	0.65 l







5.1.2 WOOD PROTECTION (TRANSPARENT COATINGS)

QUALITY LEVEL		IMPREGNATION		TOP COAT
PREMIUM	water			
		<ul style="list-style-type: none"> • BELINKA IMPREGNANT ACTIVE 		<ul style="list-style-type: none"> • BELINKA EXTERIER
	water (interior)			
				<ul style="list-style-type: none"> • BELINKA INTERIER • BELINKA INTERIER LAK
STANDARD	solvent			
		<ul style="list-style-type: none"> • BORI IMPREGNATION WITH BIOCID W 		<ul style="list-style-type: none"> • BORI HIGH-LAYER WOODSTAIN • BORI HIGH-LAYER WOODSTAIN UV EXTRA • BORI WOODSTAIN 3in1
	water			
		<ul style="list-style-type: none"> • BORI AQUA IMPREGNATION WITH BIOCIDES 		<ul style="list-style-type: none"> • BORI WOODSTAIN
	solvent			
		<ul style="list-style-type: none"> • BORI IMPREGNATION WITH BIOCID W 		<ul style="list-style-type: none"> • BORI THIN-LAYER WOODSTAIN
ECONOMICAL	solvent			
				<ul style="list-style-type: none"> • COLOR STAIN
AUXILIARY PRODUCTS				
	<ul style="list-style-type: none"> • BELINKA FENTIN 	<ul style="list-style-type: none"> • BELINKA BELPROTECT 	<ul style="list-style-type: none"> • BELINKA BELOCID PLUS 	<ul style="list-style-type: none"> • BELINKA ILLUMINA

Impregnation

BELINKA IMPREGNANT ACTIVE

Water-based preventive protection of wood



- impregnation for all types of wood
- preventive protection of wood from wood pests
- no unpleasant odour



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	colorless waterborne impregnation coating for the basic, preventive protection of wood from biological pests (insects, blue stain fungi and wood decay fungi). It is used to protect wood that requires protection with waterborne coatings and is exposed to the effects of weathering or located in humid spaces. Impregnant improves the adhesion of top coats onto the surface.
----------------------	---

CONSUMPTION: 1 l covers 8–9 m² of surface in 1 coat

THINNING: Not to be thinned

PACKAGING UNITS: 0.75 l / 2.5 l

BORI IMPREGNATION WITH BIOCIDE W

Solvent-based protection of wood against blue stain, mould, wood fungi and insects



- good penetration
- easy to apply



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the impregnation of outdoor wood (windows, doors, roofings, panellings, pergolas, fences, garden furniture) and in damp indoor rooms (bathrooms, kitchens, cellars).
----------------------	--

CONSUMPTION: 1 l covers 6–7 m² of surface in 1 coat

THINNING: ready for use

PACKAGING UNITS: 0.75 l / 2.5 l

COLOUR SHADES: colourless

BORI AQUA IMPREGNATION WITH BIOCIDE

A water-based protection of wood from blue stains, mould, wood fungus and insects



- good penetration
- easy to apply



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the impregnation of outdoor wood (roofings, projecting roofs, fences, garden houses) and in damp interior rooms (bathrooms, kitchens, cellars).
----------------------	---

CONSUMPTION: 1 l covers 8–9 m² of surface in 1 coat

THINNING: ready for use

PACKAGING UNITS: 0.75 l / 5 l

COLOUR SHADES: colourless

Top coat

BELINKA EXTERIER

Water-based protection of wood outdoors



- weather-resistance and effective UV protection
- contains a film preservative
- no unpleasant odour



INSTRUCTIONS FOR USE

AREA OF APPLICATION:

waterborne stain for the protection of wood outdoors. Special UV absorbers and nano filters in conjunction with the other ingredients provide effective protection of wood from humidity, UV rays and other harmful effects of the environment. It also contains a film-preservation agent which prevents the growth of mould and algae on the surface of the coating. As the coating is blocking resistant, it is especially recommended for the protection of joinery. The exterior has a silky gloss.

CONSUMPTION: 1 l covers 8 – 10 m² of surface in 2 coats

THINNING: Not to be thinned

PACKAGING UNITS: 0.75 l / 2.5 l

COLOUR SHADES: 9 standard colour shades



BELINKA INTERIER

Water-based protection of wood indoors



- resistant to grease, sweat and mild cleaning agents
- no unpleasant odour
- high mechanical resistance



INSTRUCTIONS FOR USE

AREA OF APPLICATION:

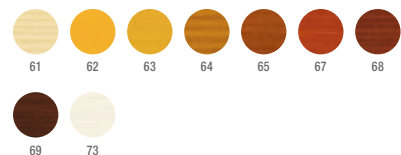
waterborne stain for the protection of wood indoors. It is distinguished by its resistance to frequently occurring factors indoors, such as grease, sweat and mild cleaning agents. It can therefore be used to coat wooden panelling, shelves, internal doors and less demanding furniture. Belinka Interior has a silky gloss.

CONSUMPTION: 1 l covers 8 – 10 m² of surface in 2 coats

THINNING: Not to be thinned

PACKAGING UNITS: 0.75 l / 2.5 l

COLOUR SHADES: 9 standard colour shades + 3 shades on request



BELINKA INTERIER LAK

Colorless protection of wood in living spaces



- high mechanical resistance
- resistance to mild cleaning agents and household stains
- no unpleasant odour



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	colourless coating for the protection of wood in living spaces. It is used as the initial wood protection and for coating surfaces which had been coated with one of Belinka's products before. Keeps the structure of the wood visible, gives the surface a shiny appearance and improves resistance. It can also be used to coat dark surfaces.
----------------------	---

CONSUMPTION: 1 l covers 8 – 10 m² of surface in 2 coats

THINNING: Not to be thinned

PACKAGING UNITS: 0.21 / 0.75 l

BORI HIGH-LAYER WOODSTAIN

Long-term protection of wood against external influences



- wax content which increases the water repellency of a coating
- rich, silky gloss coating film appearance
- for dimensionally stable wood
- elasticity – the protective film does not crack and does not peel off
- wide range of colour shades



INSTRUCTIONS FOR USE

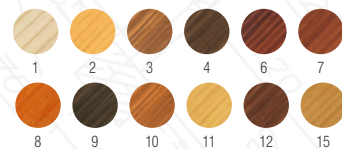
AREA OF APPLICATION:	for the final decoration and protection of wood indoors and outdoors: windows, doors, shutters, fences, panellings and cladding, log cabins, garden houses, garden furniture, etc.
----------------------	--

CONSUMPTION: 1 l covers 16 – 20 m² of surface in 1 coat

THINNING: not to be thinned

PACKAGING UNITS: standard colour shades: 0.75 l / 2.5 l / 5 l
HGMIX: 0.75 l / 2.5 l

COLOUR SHADES: 12 standard colour shades



BORI WOODSTAIN

Transparent and environmentally friendly water-based coating which preserves the natural appearance of wood



- excellent protection from sun and other effects of weathering
- contains waxes which enhance the coating's water resistance
- dimensional stability
- satin coating films
- wide range of colour shades



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the decoration and protection of wood indoors and outdoors: joinery, panelling, pergolas, garden furniture, log cabins, garden houses, etc.
----------------------	---

CONSUMPTION: 1 l covers 14 – 16 m² of surface in 1 coat

THINNING: water

PACKAGING UNITS: standard colour shades:
0.75 l / 2.5 l
HGMIX: 1 l

COLOUR SHADES: 9 standard colour shades



BORI HIGH-LAYER WOODSTAIN

Long-term protection of wood against external effects



- contains substances that increase the coating's water resistance
- rich, silky gloss coating film
- dimensional stability of wood
- elasticity - the protective film does not crack or peel off
- wide range of colour shades



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the final decoration and protection of wood indoors and outdoors: windows, doors, shutters, fences, panellings and cladding, log cabins, garden houses, garden furniture, etc.
CONSUMPTION:	1 l covers 16–20 m ² of surface in 1 coat
THINNING:	ready for use
PACKAGING UNITS:	standard colour shades: 0.75 l, 2.5 l, 5 l
COLOUR SHADES:	12 standard colour shades

BORI HIGH-LAYER WOODSTAIN UV EXTRA

Long-term colourless protection of light wood, which preserves the natural colour shade



- protection of wood from the effects of the sun
- contains a special UV additive which prevents the wood from turning gray
- rich, silky gloss coating film
- contains substances that increase the coating's water resistance
- elasticity - the protective film does not crack or peel off



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	colourless final decoration and protection of wood indoors and especially outdoors: windows, doors, shutters, fences, panellings and cladding, log cabins, garden houses, garden furniture, etc.
CONSUMPTION:	1 l covers 12–14 m ² of surface in 1 coat
THINNING:	ready for use
PACKAGING UNITS:	0.75 l / 2.5 l
COLOUR SHADES:	colourless

BORI Woodstain 3 in 1

Universal woodstain for the decoration and protection of exterior wooden surfaces



- a film finish with a silky appearance
- preventive wood protection against mould
- contains waxes which enhance the coating's water resistance
- protection of wood from the sun and other effects of weathering
- elasticity – the protective film does not crack or peel off
- easy to apply



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	decoration and protection of exterior wood, suitable for surfaces such as windows, doors, blinds, shutters, fences, coverings, log cabins, garden sheds and furniture etc.
CONSUMPTION:	1 l covers 16–20 m ² of surface in 1 coat
THINNING:	not to be thinned
PACKAGING UNITS:	standard colour shades: 0.75 l / 2.5 l
COLOUR SHADES:	14 standard colour shades

BORI THIN-LAYER WOODSTAIN

Decorative and deep protection of wood with added natural oil



- transparent coating which enhances the natural appearance of wood
- does not contain biocidal agents
- elasticity -the protective film does not crack or peel off
- easy to apply



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for panelling, wall and ceiling cladding, fences, etc. Used as an intermediate coating in the system protection and decoration of wooden surfaces indoors and outdoors.
CONSUMPTION:	1 l covers 10 – 12 m ² of surface in 1 coat
THINNING:	ready for use
PACKAGING UNITS:	standard colour shades: 0.75 l / 2.5 l / 5 l / 10 l / 100 l
COLOUR SHADES:	12 standard colour shades



COLOR WOODSTAIN

Translucent coating used for the protection and colouring of new as well as already painted wood surfaces



- maintains the wood's natural beauty
- protects against weather influences



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	takes care of the wood's natural beauty, as after painting it in the selected shade, the texture of the wood remains visible and its surface is adequately protected.
CONSUMPTION:	1 l covers 8 – 10 m ² of surface in 1 coat
THINNING:	ready for use
PACKAGING UNITS:	0.75 l / 2.5 l / 5 l
COLOUR SHADES:	8 standard shades



Auxiliary products

BELINKA FENTIN

Liquid insect repellent



- effectively repels insects that have already infested wooden surfaces



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	liquid agent in the form of an aerosol used for repelling insects in furniture and antiques, in various wooden objects, as well as in joinery and parquet.
CONSUMPTION:	depends on the extent of infestation by wood pests.
THINNING:	ready for use
PACKAGING UNITS:	200 ml

BELINKA BELPROTECT

Improves the resistance of the coated surface



- contains additives that protect the film against mould and algae
- preserves the pre-coat color
- glossy final appearance of the surface

**INSTRUCTIONS FOR USE**

AREA OF APPLICATION:	colourless coating for improving the resistance of the coated surface. It contains additives that protect the film against mould and algae. With Belprotect, the coated surface retains its pre-coat color. The product is also suitable as a top coat over dark-colored surfaces. Belprotect is not a biocidal product and is not intended to protect wood from wood pests such as fungi and insects.
CONSUMPTION:	1 l covers 15 – 25 m ² of surface in 1 coat
THINNING:	ready for use
PACKAGING UNITS:	0.75 l

BELINKA BELOCID PLUS

Effectively repels wood pests



- remedial treatment of wood that has already been infested
- destroys fungi and insects
- has a preventive function
- contains the most advanced biocides

**INSTRUCTIONS FOR USE**

AREA OF APPLICATION:	colourless liquid agent, produced on the basis of water and the most advanced biocides, which effectively removes pests. It has a curative effect against insects and a preventative effect against fungi. Belocid should always be applied together with a product that does not contain biocides, so as to keep biocides inside the wood and prevent them from coming in direct contact with the surrounding environment.
CONSUMPTION:	1 l covers 3 – 5 m ² of surface (depends on the level of infestation)
THINNING:	ready for use
PACKAGING UNITS:	0.75 l / 2.5 l / 5 l / 10 l

BELINKA ILLUMINA

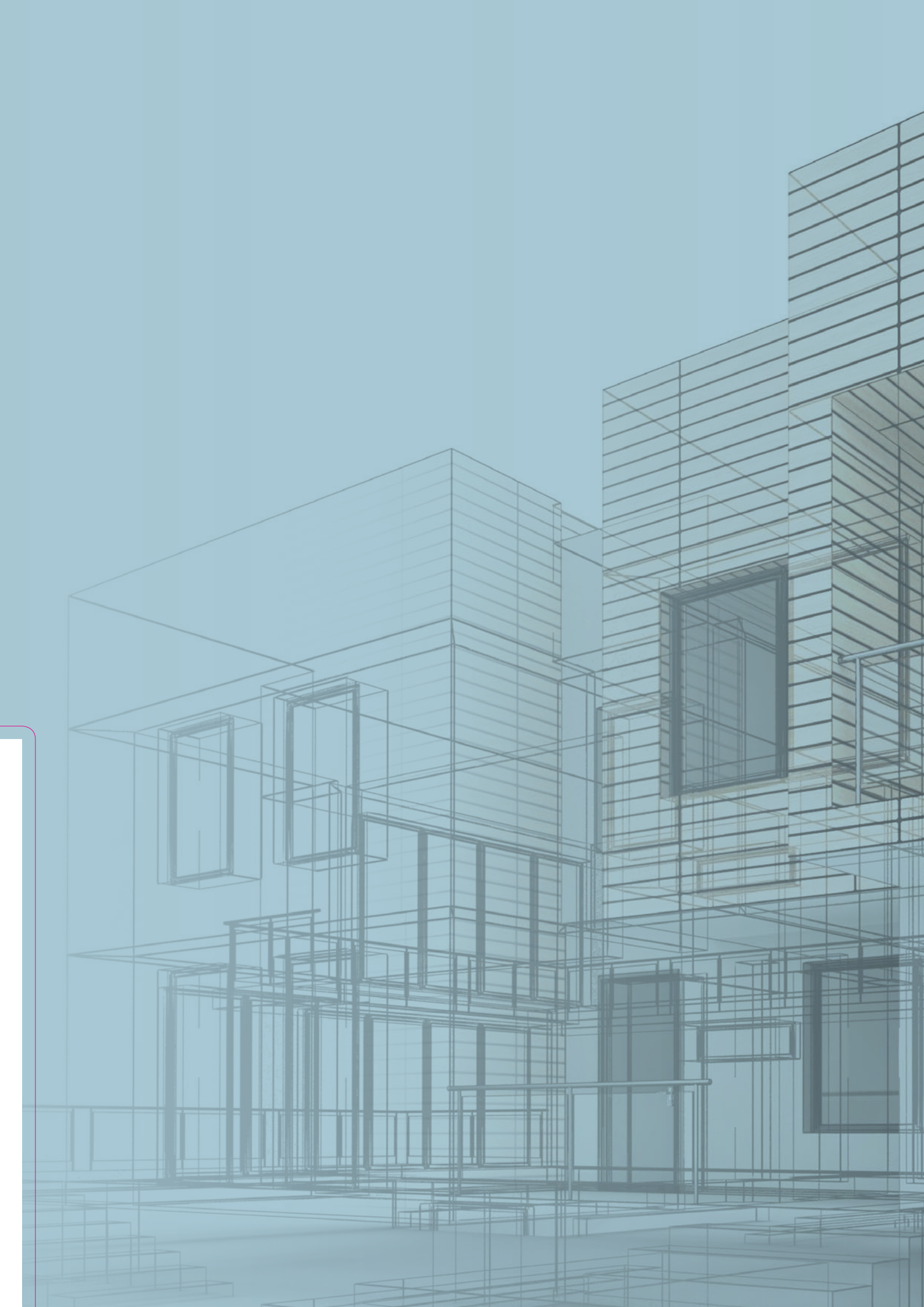
Covering stain for lightening wooden surfaces



- covers the dark surface and brings the shade closer to the natural colour
- suitable for lightening wood on outdoor surfaces

**INSTRUCTIONS FOR USE**

AREA OF APPLICATION:	coating stain used to lighten dark, stain-coated surfaces on the outdoor parts of roofings, facade coatings, fences, garden sheds, garden furniture, etc. The coating covers the dark surface and makes the shade more similar to the natural colour of spruce wood. The selected woodstain in a light shade (Toplasur uv plus) is then used to cover this lightened surface. When coating is done properly, the wood can have a natural appearance. It is not used as a stand-alone coating.
CONSUMPTION:	1 l covers 15 – 25 m ² of surface in 1 coat
THINNING:	ready for use
PACKAGING UNITS:	0.75 l / 2.5 l



INDUSTRIAL WOOD PROTECTION





5.2.1	Wood protection (enamels)	191
5.2.2	Wood protection (transparent coatings)	191
5.2.3	Wood protection - oils	191
	Technical information	195





5.2.1 WOOD PROTECTION (enamels)

QUALITY LEVEL		IMPREGNATION	PRIMER	TOP COAT
PREMIUM	water	 <ul style="list-style-type: none"> • AQUAVITA impregnant extra 	 <ul style="list-style-type: none"> • AQUAVITA Enamel Primer Spray&Brush 	 <ul style="list-style-type: none"> • AQUAVITA enamel brush

5.2.2 WOOD PROTECTION (transparent coatings)

QUALITY LEVEL		IMPREGNATION	TOP COAT
STANDARD	water	 <ul style="list-style-type: none"> • AQUAVITA impregnant extra 	 <ul style="list-style-type: none"> • AQUAVITA top coat brush
ECONOMICAL	water	 <ul style="list-style-type: none"> • AQUAVITA impregnant extra 	 <ul style="list-style-type: none"> • AQUAVITA Wood Protecting Oil

5.2.3 WOOD PROTECTION - OILS

USE	PRODUCT	SHADES
INTERIOR	 <ul style="list-style-type: none"> • BIOHEL BIO IMPREGNOL RESIST 2C • BIOHEL IMPREGNOL WM 	<ul style="list-style-type: none"> • BIO MIX
EXTERIOR / GARDEN FURNITURE	 <ul style="list-style-type: none"> • BIO IMPREGNOL outdoor 	<ul style="list-style-type: none"> • BIO MIX

HELIOS also offers many other wood protection systems that can meet your specific requirements. Please contact your local HELIOS representative for further information.

5.2.1 Wood protection (enamels)

Impregnation

AQUAVITA impregnant extra

Impregnation agent with a fungicidal and insecticidal function



- preventively protects wood from blue stain, rot and insects



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the preventive protection of building furniture and construction wood that is not in constant contact with earth or water. Used as a primer for the protection of building furniture and other wood products in the use classes 1 to 3 (DIN EN 335). Weather-exposed wood elements in class 3 (windows, doors, facade linings, fences, shutters) should be protected with weatherproof coatings after applying AQUAVITA Impregnant Extra.
----------------------	---

CONSUMPTION 120 – 180 g/m²

PACKAGING UNITS: 5 kg / 10 kg / 20 kg

Primer

AQUAVITA Enamel Primer Spray&Brush

Primer for spraying and brush



- perfectly blocks water-soluble substances and micronized resins



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	used as a primer for the protection of building furniture (windows, doors, shutters) of all types of wood, and also as a primer for the protection of other wood products in living areas and outdoors.
----------------------	---

WET FILM THICKNESS: 100 – 200 µm

COLOUR SHADES: BW mix

PACKAGING UNITS: 5 kg / 20 kg

Top coat

AQUAVITA Enamel Brush

Covering paint for the surface protection of wood for brush



- protection against weather influences
- does not give a plastic appearance
- dries quickly
- no unpleasant smell
- does not contain heavy metals



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	this product is used to protect all types of wood surfaces, both outdoors and indoors. It is suitable for the protection of windows, doors and all other wooden elements which are exposed to the effects of weather. As it dries quickly and is odourless, it is also very suitable for the protection of wood in living spaces.
----------------------	---

WET FILM THICKNESS: 100 – 200 µm

COLOUR SHADES: BW mix

PACKAGING UNITS: 5 kg / 20 kg

BW MIX

5.2.2 Wood protection (transparent coatings)

Impregnation

AQUAVITA impregnant extra

Impregnation agent with a fungicidal and insecticidal function



- preventively protects wood from blue stain, rot and insects



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the preventive protection of building furniture and construction wood that is not in constant contact with earth or water. Used as a primer for the protection of building furniture and other wood products in the use classes 1 to 3 (DIN EN 335). Weather-exposed wood elements in class 3 (windows, doors, facade linings, fences, shutters) should be protected with weatherproof coatings after applying AQUAVITA Impregnant Extra.
----------------------	---

CONSUMPTION 120 – 180 g/m²

PACKAGING UNITS: 5 kg / 10 kg / 20 kg

Top coat

AQUAVITA Top Coat Brush

Thick-layer woodstain for the surface protection of wood for brush



BW MIX

- emphasises the wood's structure
- protection against weather influences
- dries quickly
- no unpleasant smell
- does not contain heavy metals



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	this product is used to protect all types of wood surfaces, both outdoors and indoors. It is suitable for the protection of windows, doors and all other wooden elements which are exposed to the effects of weather. As it dries quickly and is odourless, it is also very suitable for the protection of wood in living spaces.
----------------------	---

WET FILM THICKNESS: 120 – 180 µm

PACKAGING UNITS: 5 kg, 10 kg and 20 kg

COLOUR SHADES: BW mix

AQUAVITA Wood Protecting Oil

Thin-layer woodstain for the surface protection of wood for brush



BW MIX

- emphasises the wood's structure
- protection against weather influences
- does not contain heavy metals



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	used for the surface protection of all types of wood surfaces, both outdoors and indoors (facades, indoor linings, garden furniture). Suitable for the protection of all wood elements exposed to weather effects.
----------------------	--

PACKAGING UNITS: 20 kg

COLOUR SHADES: BW mix

5.2.3 Wood protection - oils

BIOHEL BIO IMPREGNOL RESIST 2C

Bio impregnation for wood, oil resistant to spilled drinks



- 2C oil (3A : 1B) with long pot life (min. 1 day)
- resistant to water, red vine, coffee, etc. (min. 1h water) in just one layer
- pleasant, smooth and waxy feel after application
- no solvents – 0% VOC (Comp. A & B)
- matt appearance, pleasant smell
- food contact certificate EN 1935-2004
- bio-based; consist 98% of unmodified plant origin
- emphasizes the natural color and beauty of wood



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	protection of interior wooden furniture, where we want protection against spilled water and other drinks. Suitable for tabletops, counters, etc. With 2x application, it is also possible to use it to protect bathroom furniture that is in occasional contact with water and moisture.
CONSUMPTION:	15 – 20 g/m ²
APPLICATION METHOD:	wiping, rubbing & polishing, rolling
PACKAGING UNITS:	1 l (in combination with 0,33 l BIO IMPREGNOL accelerator)
COLOUR SHADES:	transparent & BIO MIX; white-wash & deep black available on demand

BIO IMPREGNOL WM

Bio impregnation for wood, resistant oil



- a pleasant, smooth and waxy feel after application
- dries quickly
- emphasises the natural colour and beauty of the wood
- certificate EN 71-3; Toy safety
- food contact certificate EN 1935-2004



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the protection of indoor wooden furniture, such as wooden closets, tables, beds. A great choice also for children's furniture and toys.
CONSUMPTION:	50 – 80 g/m ²
APPLICATION METHOD:	spreading, roller, spraying
PACKAGING UNITS:	1 l / 20 l
COLOUR SHADES:	Biomix

BIO IMPREGNOL outdoor

Blend of vegetable oil with added solvents for better penetration



- water repellent
- emphasizes the natural color and beauty of wood
- easy renewal and maintenance



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	protection of outdoor furniture. For longer lasting outdoor protection, preliminary biocidal impregnation is recommended.
CONSUMPTION:	50 – 80 g/m ²
APPLICATION METHOD:	wiping, dipping
PACKAGING UNITS:	20 l
COLOUR SHADES:	transparent & BIOMIX

WOOD PROTECTION

Since wood is a natural material, it is subject to decay due to weather effects. To extend its life span, it must be protected.

It is important for wood to be protected from water and moisture as much as possible. The first measure in the protection of wood is the constructional protection during installation. This means that wood must be installed in such a way that it is not in contact with the soil and that there is no possibility of water retention on the wood elements. Quick run-off must be enabled and drying after the end of precipitation. It is necessary to ensure that the water does not go on the back or under various metal linings and grooves. Modernly designed windows and doors should be installed as deep as possible in the facade (mandatory installation of drip edges). Roof slopes should be sufficiently wide. Wood in 'sandwich' structures must be built in a way that enables airing; it is also necessary to enable to airing of facade linings. High-quality water insulation of buildings must be ensured to protect them from soil moisture.

Chemical protection is a preventive measure against biological pests. We guarantee it with preventive and repressive protection agents that contain biocides. They protect the wood against fungi, blue stain and wood insects. In living areas we use chemical protection only when its use is prescribed or, in individual cases, necessary. All wood that will be exposed to the influence of wood pests (external installation, damp spaces), will be preventively protected prior to installation. It is particularly important for transverse cuts to be well protected. Transverse cuts and sharp edges are critical points where the coating starts to decay and consequently, the wood.

Surface protection is a measure against weather and mechanical effects. Surface protection agents are woodstains, top coats and lacquers. They protect the wood from dirt, weather and mechanical effects, decorate the wood and give it a different gloss. Woodstains are used to preserve the

natural appearance of wood, while at the same time protecting it from humidity and UV rays. Vapour permeability and easy renovation are also important properties of the woodstains.

Top coats cover the texture of wood completely, therefore they are most suitable for the decoration of less precious and damaged types of wood and for the renovation of old wood. Lacquers are top coats that give gloss to the wood and resistance to water and gentle household detergents. They are especially suitable for use in interior rooms.

If the wood element you want to protect will not be exposed to moisture and weather, the surface coating can be applied directly to the wood. All wood that will be exposed to weather or moisture should first be well impregnated and only then surface protected.

Quick-drying water-based coatings that are almost odorless and contain few volatile organic compounds, are most suitable for the protection of wood in living spaces.

One of the important factors for good wood protection is adequate **coating thickness**. The application must not be too thin nor not too thick. For the same coatings, weather resistance is greater and the coating durability is longer when the application is thicker. When the layers are too thin, UV light degrades the coating and the surface of the wood under the coating, which results in the deterioration of the surface and loss of adhesion to the wood. In such places, the coating 'disappears.' Potential consequences of thick coatings include the premature peeling of the coating, so a compromise must be made between its durability and the possibility of simpler renovation. For the protection of dimensionally stable wooden elements such as windows and doors, we recommend a film thickness of approx. 80 microns if using water stains. When using solvent-based stains, the film thickness should be about 60 microns. For dimensionally unstable (fencing) or semi-stable (facade cladding) wood, the layers should be thinner – 30 to 50 microns. The coating can only provide good protection if applied in the right thickness, so it is important to follow the recommended consumption of the coating per m².

Coating with woodstains:

CHARACTERISTICS	LOW-BUILD WOODSTAIN	HIGH-BUILD WOODSTAIN
PURPOSE	Fences, facade wood, blinds	Windows, doors, hard woods
CONDITIONS FOR COATING	<ul style="list-style-type: none"> the temperature of the surface, coating and environment should be above 10 °C. relative air humidity should be between 40 and 80%. avoid coating in strong sunlight. 	
SURFACE PREPARATION	<p>New wood: The humidity must not exceed 15% for coniferous trees, and 12% for deciduous trees. The dry surface should be sanded and cleaned, and any wax, resin or grease should be removed with TESSAROL NITRO THINNER.</p> <p>Renovation of old coatings: Undamaged coatings should be cleaned and sanded; damaged coatings should be removed completely.</p>	

Tips:

- Mix the paint well before use.
- For the renovation of old coatings, choose a lighter shade from the originally used colour, or mix the original shade with a colourless one. The number of coats affects the shade - with each coat, the shade becomes darker.
- As the type of wood significantly affects the final shade, we recommend testing the product on a small piece of wood.
- Lighter shades let through a lot of ultraviolet rays that degrade the lignin in the wood. We therefore recommend the use of BORI lacquer stain UV EXTRA or AQUAVITA top coat brush C-LM for colourless wood protection outdoors.
- When coating panellings, we recommend protecting wood from both sides in order to achieve a better dimensional stability.
- We do not recommend the use of impregnation in living spaces. It can be used only on small surfaces (doors, windows, etc.) and in damp spaces where people do not spend long periods of time (basements and bathrooms).






WATER- PROOFING

- 6.1** Waterproofing for flat roofs 199
- 6.2** Waterproofing mortars and coatings 205



6.1 WATERPROOFING FOR FLAT ROOFS

USE	STEP 1	STEP 2	STEP 3	STEP 4
PREMIUM	<ul style="list-style-type: none"> • Polyurea Primer EP 430 • Polyurea Primer PU 420 	<ul style="list-style-type: none"> • Polyurea Flex 	<ul style="list-style-type: none"> • Cold polyurea PAS TOP-COAT 450 	
STANDARD	 <ul style="list-style-type: none"> • ROOF EXPERT PU primer 	 <ul style="list-style-type: none"> • ROOF EXPERT PU 510 	 <ul style="list-style-type: none"> • ROOF EXPERT REFORCE 50 	 <ul style="list-style-type: none"> • ROOF EXPERT PU 610
ECONOMICAL	 <ul style="list-style-type: none"> • ROOF EXPERT C primer • ROOF EXPERT M primer • ROOF EXPERT MC primer 	 <ul style="list-style-type: none"> • ROOF EXPERT AC 	 <ul style="list-style-type: none"> • ROOF EXPERT REFORCE 50 	 <ul style="list-style-type: none"> • ROOF EXPERT AC

Step 1

Polyurea Primer EP 430

Two-component solvent-free primer based on epoxy resin

- adhesion promoter - 1 coat
- blocks moisture in the substrates, up to 6% (carbide method) - 2 coats
- substrate consolidation primer - 1 coat

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	improving adhesion to various substrates for waterproofing systems with polyurethane and polyurea coatings.
CONSUMPTION:	0.3 – 0.5 kg/m ² /coat
THINNING:	not to be thinned
PACKAGING UNITS:	10kg (A+B)
COLOUR SHADES:	colourless

Polyurea Primer PU 420

One-component primer based on isocyanate

- adhesion promoter to existing bitumen membranes - 1 coat
- blocks moisture in the substrates, up to 3% (carbide method) - 2 coats
- substrate consolidation primer - 1 coat

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	increase adhesion of polyurethane and polyurea coatings to existing bituminous membranes.
CONSUMPTION:	0.18 – 0.23 l/m ² /coat
THINNING:	not to be thinned
PACKAGING UNITS:	4 l
COLOUR SHADES:	colourless

ROOF EXPERT PU primer

One-component primer based on isocyanate



- adhesion promoter to existing bitumen membranes
- blocks moisture in the surface, up to 3% (carbide method)
- substrate consolidation primer

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	increase adhesion of polyurethane coatings to various surfaces.
CONSUMPTION:	0.18 – 0.23 l/m ² /coat
THINNING:	not to be thinned
PACKAGING UNITS:	4 l
COLOUR SHADES:	colourless

ROOF EXPERT C primer

Priming coat for concrete substrates



- penetrates deep into substrate
- equalizes absorbency of the substrate
- anti-dust consolidating primer

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for the preparation of concrete and cement substrates before applying Roof expert AC coating.
CONSUMPTION:	0.2 – 0.25 kg/m ² /coat of thinned impregnation
THINNING:	with water in a ratio of 5:1
PACKAGING UNITS:	5 kg
COLOUR SHADES:	white

ROOF EXPERT M primer

Priming coat for galvanized steel surfaces



- excellent anti-corrosion protection
- excellent adhesion to galvanized metal
- excellent resistance to various weather conditions
- quick-drying

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	protection of galvanized metal constructions before applying ROOF EXPERT AC coating.
CONSUMPTION:	0.20 – 0.30 kg/m ² (0.217 g/m ² / - 70µm) (theoretical)
THINNING:	with water up to 5%
PACKAGING UNITS:	5 kg
COLOUR SHADES:	green RAL 6003

ROOF EXPERT MC primer

Priming coat for galvanized steel surfaces with anti-corrosion protection



- excellent anti-corrosion protection
- very good mechanical characteristics

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	protection of damaged galvanized steel constructions before applying ROOF EXPERT AC coating.
CONSUMPTION:	150 g/m ² (approx. 6 m ² /kg)
THINNING:	Nitro thinner ~ 5%
PACKAGING UNITS:	5 kg
COLOUR SHADES:	grey RAL 7001

Step 2

Polyurea Flex

Two-component fast-curing waterproofing membrane

- applied at temperatures between +5 °C in +40°C
- excellent mechanical resistance
- very flexible material
- good chemical and abrasion resistance
- no overloads on load-bearing structures
- once cured, the product is completely inert

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	waterproofing roofs, green roofs, inverted roofs, terraces, bridges, stadiums, airports, railways, garages (also as floor coatings), industrial productions, water parks, playgrounds, elastic lining of caravans, etc.
CONSUMPTION:	2.2 kg/m ²
THINNING:	not to be thinned
PACKAGING UNITS:	42.9 kg (A+B) / 429 kg (A+B)
COLOUR SHADES:	white, grey

ROOF EXPERT AC

1K Elastic water-based liquid membrane



- environmentally friendly technology: without the use of APEO, ammonia and formaldehyde, low VOC content
- excellent bridging ability of cracks
- very flexible up to -20°C
- very resistant to UV light and temperature changes
- mechanically stable and resilient to pedestrian traffic
- resistant to dirt
- seamless; easy to fix

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	waterproofing flat or sloping roofs, chimney openings, domes and curved roofs. Ideal for joining different materials. Excellent adhesion to: concrete, iron, wood, old bitumen, PU etc.
CONSUMPTION:	0.20 – 0.30 kg/m ² as an primer 0.7 kg/m ² – protective coating (1 coat) 2.0 kg/m ² – waterproof membrane (for 1 mm thickness)
THINNING:	with water from 5 to 10% (as an example only)
PACKAGING UNITS:	5 kg / 20 kg
COLOUR SHADES:	white, grey

ROOF EXPERT PU 510

1K elastic liquid membrane based on polyurethane



- good mechanical, chemical, temperature and weather resistance
- based on pure elastomeric, hydrophobic polyurethane resin
- forms a continuous elastic, waterproof, vapour-permeable, seamless and contactless membrane
- applicable even on irregularly shaped surfaces
- affordable and reliable waterproofing solution
- easy to apply and durable solution in combination with UV stable Roof expert PU 610 top coat

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	waterproofing flat or sloping roofs, chimney openings, domes and curved roofs. Ideal for joining different materials. Excellent adhesion to: mortar, concrete, brick, stone, old bitumen, roofing, metal surfaces, etc.
CONSUMPTION:	1.5 kg/m ²
THINNING:	not to be thinned
PACKAGING UNITS:	25 kg
COLOUR SHADES:	grey RAL 7040

Step 3

Cold polyurea PAS TOP-COAT 450

Two-component fast-curing, aliphatic, solvent-free polyaspartic finishing coat (cold polyurea)

- exceptional mechanical resistance
- elasticity
- excellent UV stability
- high resistance to wear
- excellent resistance to a wide range of chemicals
- high resistance to vehicle traffic

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	protection of exposed polyurea systems and PU waterproofing layers on flat roofs, balconies, terraces, halls and decks for car parks, especially where resistance to mechanical loads is required, and to protect exposed epoxy systems.
CONSUMPTION:	0.25 – 0.45 kg/m ² /coat
THINNING:	not to be thinned
PACKAGING UNITS:	7 kg (A+B) / 25 kg (A+B)
COLOUR SHADES:	grey (RAL 7040), others on request

ROOF EXPERT REFORCE 50

Reinforcing mesh made of glass fibres



- good dimensional stability
- UV-resistant
- chemically inert and non-toxic
- ensures the correct thickness of the waterproofing membrane
- improves the quality of bridging cracks in waterproofing membranes
- lightweight and easy to use, easy to cut

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	reinforcement of ROOF EXPERT liquid waterproofing membranes.
PACKAGING UNITS:	In rolls - 1 m wide and 50 m long (50 m ²)

ROOF EXPERT PU 610

1K elastic, liquid, UV-stable membrane based on polyurethane and the top coat for Roof expert PU 510



- good mechanical, chemical, temperature, UV and weather resistance
- based on pure elastomeric, hydrophobic polyurethane resin
- forms a continuous elastic, waterproof, vapour-permeable, seamless and contactless membrane
- excellent adhesion to various surfaces
- applicable even on irregularly shaped surfaces
- color-stable material that does not yellow and or need additional protection even when choosing darker shades

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	waterproofing flat or sloping roofs, chimney openings, domes and curved roofs. Ideal for joining different materials. Excellent adhesion to: mortar, concrete, screed, brick, stone, metal surfaces, wood, roofing, old bitumen and most waterproofing membranes.
CONSUMPTION:	0.5 kg/m ²
THINNING:	not to be thinned
PACKAGING UNITS:	5 kg / 25 kg
COLOUR SHADES:	white



6.2 WATERPROOFING MORTARS AND COATINGS

USE	IMPREGNATION	WATERPROOFING COATING
indoors / outdoors as an intermediate coat	 <ul style="list-style-type: none"> • SPEKTRA Impregnation Acryl 	 <ul style="list-style-type: none"> • HIDRONIVELIT 2K* (2K elastic polymer-cement membrane)
indoors as an intermediate coat	 <ul style="list-style-type: none"> • SPEKTRA Impregnation Acryl 	 <ul style="list-style-type: none"> • HIDRONIVELIT 1K* (1K permanently elastic liquid membrane)
AUXILIARY PRODUCTS	<ul style="list-style-type: none"> • Edge tape 12 cm • Dilatation tape 5x100 mm 	 <ul style="list-style-type: none"> • NEOSTIK POLYURETHANE BOND & SEAL

* available to order

Impregnation

SPEKTRA Impregnation Acryl

Evens out surface permeability and improves adhesion



- penetrates deeply into the surface
- strengthens poorly bonded and chalked old coatings
- reduces the consumption of top coatings



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	for impregnation of lime and lime-cement surfaces, old chalked plasters and coatings, plaster cardboard panels and other porous surfaces, also used as a primer before using the SPEKTRA facade paint.
CONSUMPTION:	1 l of thinned impregnation covers 10 – 12 m ² of surface in 1 coat
THINNING:	with water, in the ratio up to 1 : 3, depending on surface permeability
PACKAGING UNITS:	1 l / 5 l / 10 l
COLOUR SHADES:	colourless

Top coat

HIDRONIVELIT 2K*

Two-component elastic polymer-cement mortar for waterproofing concrete surfaces, plaster and cement screeds



- for interior and exterior use
- excellent adhesion to concrete, cement, ceramic and stone surfaces
- permanently elastic in all conditions
- waterproof
- bridges cracks



INSTRUCTIONS FOR USE

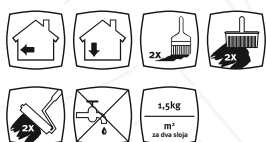
AREA OF APPLICATION:	two-component elastic polymer-cement mortar for waterproofing surfaces in bathrooms, shower cabins, balconies, swimming pools and before laying ceramic tiles. For waterproofing concrete tanks and underground concrete walls. For the protection of concrete ceilings and carriers, road and rail viaducts before penetration of carbon dioxide. For the protection of concrete surfaces that are in contact with seawater or salts that cause dissolution.
CONSUMPTION:	1.7 kg at a coat thickness of 1 mm
PACKAGING UNITS:	9 kg - component A 24 kg - component B

HIDRONIVELIT 1K*

Polymeric waterproofing coating



- quick-drying
- does not contain solvents
- single-component
- permanently elastic
- waterproof
- for interior use



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	single-component liquid membrane for interior use, which is waterproof, quick drying, solvent-free and permanently elastic. Used for waterproofing walls and floors in bathrooms and shower cabins, and for waterproofing kitchen walls and floors before laying ceramic tiles. Not used as a top coat and must be covered with solid protection after caking (ceramic tile or natural stone).
CONSUMPTION:	1.5 kg/m ² for two coats (2 mm)
PACKAGING UNITS:	7 kg / 25 kg

Auxiliary products

NEOSTIK POLYURETHANE BOND & SEAL

Polyurethane adhesive sealant for elastic joints and the adhesion of various materials



- thixotropic
- can be painted
- UV+
- durability
- elasticity
- high chemical resistance



INSTRUCTIONS FOR USE

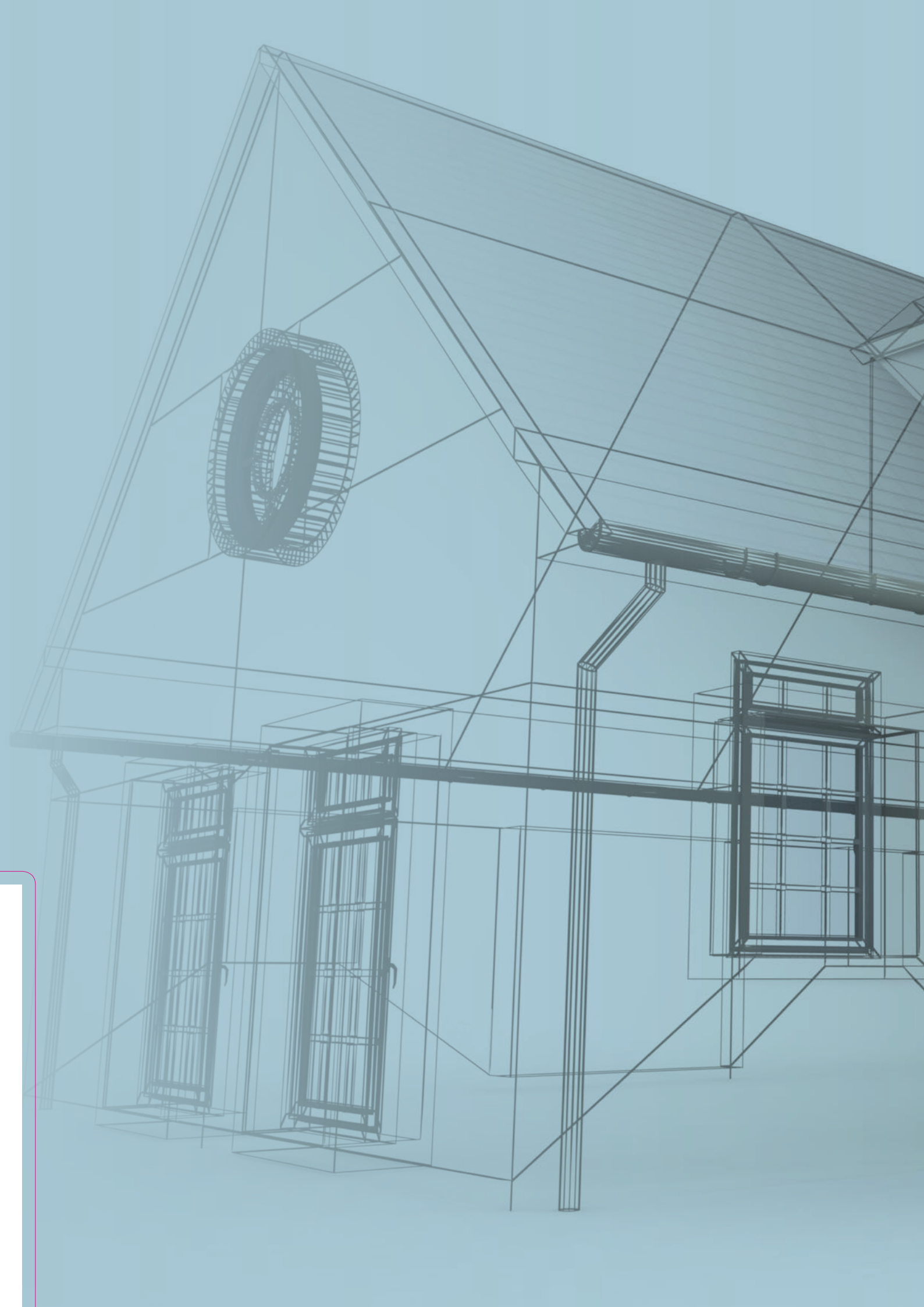
AREA OF APPLICATION:	various seals, concrete/concrete, construction, industrial floors, construction. Adhesion/sealing of: aluminium, steel, copper, PVC, concrete, brick, wood, ceramics, metal, styrofoam and some types of plastics.
----------------------	---

PACKAGING UNITS:	300 ml ALU cartridge (white, grey) 600 ml (grey)
------------------	---

COLOUR SHADES:	white, grey
----------------	-------------

Edge tape
12 cm

Dilatation tape
5×100 mm










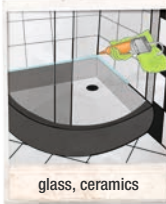








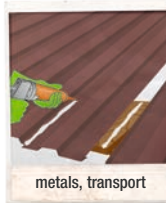
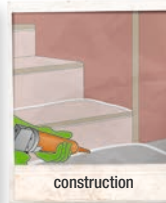





SEALING & BONDING

7.1	Adhesives and sealants	211
7.2	PUR foams	215
7.3	Adhesives	219
	Technical information	221



7.1 ADHESIVES AND SEALANTS

USE	PRODUCT			
INTERIOR WALLS	• NEOSTIK ACRYL SEALANT			
INTERIOR, EXTERIOR WALLS	• NEOSTIK SEALANT ACRYL ROUGH			
SANITARY FACILITIES	• NEOSTIK SILICON SANITAR			
FACADES	• NEOSTIK SEALANT SILICON NEUTRAL			
ROOFS	• NEOSTIK BITUMEN SEALANT			
CONSTRUCTION MISCELLANEOUS	• NEOSTIK POLYURETHANE BOND & SEAL			
ALL SURFACES MISCELLANEOUS	• NEOSTIK ADHESIVE SEALANT FIX & SEAL FOR ALL SURFACES			

NEOSTIK ACRYL SEALANT

Sealant on an acrylic base



- good workability
- does not change colour
- can be painted
- UV+
- solvent-free



INSTRUCTIONS FOR USE

AREA OF APPLICATION: sealing contacts between walls, plaster panels and concrete elements, and for sealing joints when installing windows and doors. Suitable for repairing and filling cracks in plaster and masonry, for closing joints between shelves and walls, and shutter casings. Excellent adhesion to: concrete, plaster, plaster panels, brick, wood, foam concrete, ceramic tiles, PVC and aluminum.

PACKAGING UNITS: 280 ml

COLOUR SHADES: white

NEOSTIK SEALANT ACRYL ROUGH

Sealant on an acrylic base with a rough appearance



- good workability
- does not change colour
- can be painted
- UV+
- solvent-free
- can be applied on slightly damp surfaces



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for repairing and filling cracks and joints on facades, in plaster and walls with rough appearance, etc. Excellent adhesion to: concrete, plaster, plasterboard, brick, wood, foam concrete, ceramic tiles.

PACKAGING UNITS: 310 ml

COLOUR SHADES: white

NEOSTIK SILICON SANITAR

Permanently elastic sealant on an acetate base



- for mounting and sealing joints in damp spaces
- resistance to mould
- wide range of chemicals
- perfectly waterproof



INSTRUCTIONS FOR USE

AREA OF APPLICATION: kitchens, bathrooms, shower cabins, damp spaces. Excellent adhesion to: aluminum, ceramics, glass, glazed surfaces, (copelite) glass, clinker, porcelain, various plastics and coatings.

PACKAGING UNITS: 280 ml

COLOUR SHADES: transparent, white

NEOSTIK SEALANT SILICON NEUTRAL

Permanently elastic sealant on a neutral base with excellent adhesion to all building materials



- does not cause corrosion
- highly resistant to UV rays, light, aging and a wide range of chemicals
- offers perfect waterproof protection
- no slumping in joints on vertical surfaces



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for installing and sealing glass in wooden, aluminum and PVC frames, for sealing dilatation systems on facades and in construction, for sealing joints where there is a possibility of mould formation. For contacts between window frames and doors, finishing joints between shelves and walls, shutter casings, sealing joints in silos, tanks, containers and various industries, gluing slats. Excellent adhesion to: concrete, brick, wood, metal, steel, glass, aluminum, various types of plastics, foam concrete, ceramics, plaster panels, clinker, porcelain, styrofoam and coatings.

PACKAGING UNITS: 310 ml

COLOUR SHADES: transparent, white

NEOSTIK BITUMEN SEALANT

Elastic sealant on a bitumen base



- UV+
- thixotropic
- good adhesion also to damp and wet surfaces



INSTRUCTIONS FOR USE

AREA OF APPLICATION: for repairs and sealing on roofs, adhesion of bitumen membranes and roof tiles. Excellent adhesion to: concrete, plaster, brick, roofing sheets, sheet metal, bitumen and membranes, aluminum and copper.

PACKAGING UNITS: 300 ml

COLOUR SHADES: black

NEOSTIK POLYURETHANE BOND & SEAL

Polyurethane adhesive sealant for elastic joints and the adhesion of various materials



- thixotropic
- can be painted
- UV+
- durability
- elasticity
- high chemical resistance



INSTRUCTIONS FOR USE

AREA OF APPLICATION: various seals, concrete/concrete, construction, industrial floors, construction. Adhesion/sealing of: aluminium, steel, copper, PVC, concrete, brick, wood, ceramics, metal, styrofoam and some types of plastics.

PACKAGING UNITS: 300 ml ALU cartridge (white, grey)
600 ml (grey)

COLOUR SHADES: white, grey

NEOSTIK ADHESIVE SEALANT FIX & SEAL FOR ALL SURFACES

Versatile and permanently elastic adhesive sealant



- excellent mechanical properties
- prevents the formation of mould
- environmentally friendly, UV stable, resistance to atmospheric influence
- does not cause corrosion
- does not stain
- resistant to vibrations





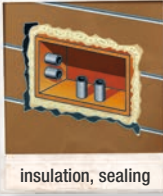








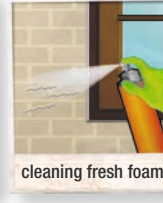
INSTRUCTIONS FOR USE

AREA OF APPLICATION: for the exterior and interior sealing of dilatation joints and breaks (construction, floors and facades), for contacts between window frames, doors, plaster boards and concrete elements. For the sealing and adhesion of various materials in the automotive industry, metal constructions, shipbuilding, silos, tanks, containers, vacuum systems, for the adhesion of window shelves, slats and roofs.

PACKAGING UNITS: 290 ml

COLOUR SHADES: white, grey

7.2 PUR FOAMS

USE	PRODUCT
MISCELLANEOUS	<ul style="list-style-type: none"> • NEOSTIK PUR FOAM UNIVERSAL (manual and gun application)    <p>assembly, installation insulation, sealing</p>
MISCELLANEOUS	<ul style="list-style-type: none"> • NEOSTIK PUR FOAM FOR INSULATION PANELS (gun application)    <p>roof tiles, insulation sealing, adhesion</p>
MISCELLANEOUS	<ul style="list-style-type: none"> • NEOSTIK PUR FOAM FOR ROOF TILES (manual and gun application)    <p>roof tiles, insulation sealing, adhesion</p>
AUXILIARY PRODUCTS	<ul style="list-style-type: none"> • NEOSTIK PUR CLEANING AGENT    <p>cleaning guns cleaning fresh foam</p>

NEOSTIK PUR FOAM UNIVERSAL

Manual and gun application polyurethane foam



- universal
- good structure foam
- good result



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	sealing, adhesion, insulation, filling. Excellent adhesion to: wood, bricks and aerated concrete, metal, aluminum, stone and plastics.
----------------------	---

PACKAGING UNITS:	750 ml
------------------	--------

NEOSTIK PUR FOAM FOR INSULATION PANELS

Polyurethane foam for gun application with low post-expansion



- low expansion
- bonds and seals insulation boards
- provides optimum acoustic and thermal insulation
- cures with the air humidity



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	adhesion and fixing insulating panels and other materials. Excellent adhesion to: styrofoam, styrodur, stone wool, concrete, tiles, bricks, plaster, wood and other building materials.
----------------------	--

PACKAGING UNITS:	750 ml
------------------	--------

NEOSTIK PUR FOAM FOR ROOF TILES

Manual and gun application polyurethane foam



- low expansion
- good adhesion to roof tiles
- resistant to wind and low and high temperatures
- strengthens with air humidity



INSTRUCTIONS FOR USE

AREA OF APPLICATION:	low expansion, roof tiles Excellent adhesion to: brick roof tiles as well as wood, concrete, brick, aerated concrete, metal, aluminum, stone and plastic.
----------------------	--

PACKAGING UNITS:	750 ml
------------------	--------

Auxiliary products

NEOSTIK PUR CLEANING AGENT



- removes fresh and uncured polyurethane foam
- for the interior and exterior cleaning of guns
- removes residues of adhesives, paints and grease












INSTRUCTIONS FOR USE

AREA OF APPLICATION:	cleaning guns and residues of uncured foam.
----------------------	---

PACKAGING UNITS:	500 ml
------------------	--------



7.3 ADHESIVES

USE	PRODUCT
MISCELLANEOUS	<ul style="list-style-type: none"> • NEOSTIK FIX FOR STYROFOAM    <p>decorative elements styrofoam, EPS, XPS</p>
MISCELLANEOUS	<ul style="list-style-type: none"> • NEOSTIK FIX CLASSIC    <p>decorative elements EPS, XPS, panels</p>
MISCELLANEOUS	<ul style="list-style-type: none"> • NEOSTIK FIX EXPRESS    <p>mirrors, sanitary facilities nautics, renovation, construction</p>

NEOSTIK FIX FOR STYROFOAM

High-quality environmentally friendly fastening adhesive



- good adhesion
- can be painted
- does not slump in joints on vertical surfaces
- for indoor use

**INSTRUCTIONS FOR USE**

AREA OF APPLICATION:	for the quick fastening of decorative styrofoam elements on most absorbent building materials. Excellent adhesion to: concrete, plaster, plaster panels, brick, wood, aerated concrete, ceramic tiles, PVC and aluminum. Excellent adhesion to: styrofoam, EPS and XPS.
-----------------------------	---

PACKAGING UNITS: 310 ml / 1 kg / 4 kg

NEOSTIK FIX CLASSIC

High-quality environmentally friendly adhesive



- acrylic-based
- resistance to atmospheric influence
- can be painted
- once cured, it is resistant to water

**INSTRUCTIONS FOR USE**

AREA OF APPLICATION:	for window sills, slats, ceramic plates, decorative elements. Excellent adhesion to: concrete, plaster, wood, ceramics, stone, styrofoam, EPS, XPS, plaster panels and PVC.
-----------------------------	---

PACKAGING UNITS: 200 g / 300 ml / 1 kg / 4 kg

NEOSTIK FIX EXPRESS

High-quality environmentally friendly adhesive



- strong, fast, versatile and permanently elastic adhesive for construction
- does not slump in joints on vertical surfaces
- suitable also for damp surfaces

**INSTRUCTIONS FOR USE**

AREA OF APPLICATION:	for fixing and bonding to all surfaces and most construction materials. Excellent adhesion to: concrete, marble, brick, plaster, ceramics, wood, particle and bound pl. cork, aluminum, iron, glass, XPS, PVC.
-----------------------------	--

PACKAGING UNITS: 290 ml

CHOICE OF ADHESIVES

Choosing an adhesive is a demanding task. The correct choice of adhesive is most dependent on whether or not you will be satisfied with the result of the adhesion. When choosing the appropriate adhesive, the following factors must be considered:

- properties of the materials for adhesion,
- adhesion process (surface preparation, size and shape of materials, etc.),
- adhesion load (thermal, mechanical, etc.).

When in doubt, it is best to consult an expert.

SURFACE PREPARATION

For successful adhesion, in addition to the right choice of adhesive, the correct preparation of the surface is required. All surfaces that you want to bond together must be dry and clean, without any residue of grease, oils, old coatings or adhesives. Whenever possible, sand and dust the surfaces before adhesion. This increases the active surface and thus the strength of the adhesion.

USE

Every adhesive in larger packaging units must be mixed before use. With multicomponent adhesives, mix each component separately first and then the components with each other in the prescribed ratio. The prescribed ratio must be strictly followed, since a slight inaccuracy in weighing can lead to a significantly lower strength of the adhesion. In addition to the preparation of the adhesive and the surface, the temperature is also crucial for high-quality adhesion. The temperature of the surface and the adhesive elements should be as equal as possible, which can be achieved by measuring the room temperature beforehand, but in principle the working temperature should be between 15–25 °C, unless otherwise stated. The surfaces with the applied adhesive must be bonded together in the prescribed time interval.

It's good to know:

- The adhesion of adhesives based on organic solvents is due to the evaporation of the solvent resulting in coagulation of the rubber and the formation of the adhesive. The open time of the adhesive is the time after which the surfaces coated with adhesive must be joined. The surfaces are joined when the adhesive layer is dried so that the glue cannot be pulled by the finger but still gives a feeling of stickiness. The adhesive must be applied in the thinnest and most even layer possible on both surfaces. The surfaces of very porous materials require two layers of adhesive; the second layer of adhesive is applied to the dried first layer. Effective adhesion can be carried out only at temperatures above +10 °C.
- The assumption that more adhesive means faster and better adhesion is incorrect. An excessive amount of adhesive slows down the adhesion time and reduces mechanical strength.
- Curing of the dispersion adhesive is the result of an outflow of water from the adhesive layer, which requires the porosity of at least one of the surfaces. Since evaporation of water from the system is slower than that of e.g. a solvent, the adhesion is not yet fixed after joining, so it is still possible to make a correction. Due to the nature of the dispersion systems, the optimum working temperature is +15 °C; it is also necessary to consider the humidity of the materials themselves and of the air. When installing elements, it is recommended to apply adhesive in lines or dots. This enables faster adhesion and filling potential cracks between the adhesive surfaces.



ROAD MARKINGS

- | | | |
|------------|--|-----|
| 8.1 | Marking of asphalt roads, parking lots, airports and transport routes | 225 |
| 8.2 | Marking of asphalt cycle paths | 225 |
| 8.3 | Marking of concrete roads, parking lots, airports, transport routes and decoration of asphalt surfaces | 225 |
| 8.4 | Marking grass surfaces | 225 |



8.1 MARKING OF ASPHALT ROADS, PARKING LOTS, AIRPORTS AND TRANSPORT ROUTES

ASPHALT SURFACES	STEP 1	STEP 2	
HIGH TRAFFIC	• SIGNODUR G	glass beads	system certified with standard EN 1436
HIGH TRAFFIC	• SIGNODUR struktural	glass beads	system certified with standard EN 1436
MEDIUM TRAFFIC	• SIGNOCRYL	glass beads	system certified with standard EN 1436
MEDIUM TRAFFIC	• SIGNOCRYL AQ	glass beads	system certified with standard EN 1436

8.2 MARKING OF ASPHALT CYCLE PATHS

ASPHALT SURFACES	STEP 1	STEP 2
HIGH TRAFFIC	• SIGNODUR roll	glass beads
MEDIUM TRAFFIC	• SIGNOCRYL for bicycle paths	

8.3 MARKING OF CONCRETE ROADS, PARKING LOTS, AIRPORTS, TRANSPORT ROUTES AND THE DECORATION OF ASPHALT SURFACES

CONCRETE SURFACES	STEP 1	STEP 2	STEP 3	
HIGH TRAFFIC	• SIGNOCRYL 2K PUR primer	• SIGNODUR G or SIGNODUR struktural	glass beads	system certified with standard EN 1436
MEDIUM TRAFFIC	• SIGNOCRYL 2K PUR primer	• SIGNOCRYL	glass beads	system certified with standard EN 1436
DECORATIVE	• SIGNOCRYL 2K PUR			

8.4 MARKING GRASS SURFACES

GRASS SURFACES	STEP 1
SPORT GRASS FIELDS, ETC.	• SIGNOSPORT

8.1 Marking of asphalt roads, parking lots, airports and transport routes

Step 1

SIGNODUR G

Two-component thick coating for road-laying (2.0 – 2.5 mm)

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	two-component cold plastic for laying, basically designed for manual application, with good physico-chemical properties. The material is intended primarily for the production of unstructured signs. Intended for marking highly loaded asphalt roads.
COLOUR SHADES:	white, yellow, red, blue, green, black
MIXING RATIO	SIGNODUR G : powder catalyst = 100 : 1 SIGNODUR G : liquid catalyst = 98 : 2
CONSUMPTION:	4.0 kg/m ² at a dry film thickness of 2.0 mm and by the components 4.0 kg/m ² SIGNODUR G + 0.040 kg/m ² powder catalyst or 4.0 kg/m ² SIGNODUR G + 0.080 kg/m ² liquid catalyst
APPLICATION:	manual application with a trowel or with machines intended for laying two-component cold plastics.
PACKAGING UNITS:	15 kg / 30 kg for the white shade

SIGNODUR struktural

Two-component thick road coating for profiled application (1.5 – 7.0 mm)

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	two-component cold plastic for laying, basically designed for machine application, with good physico-chemical properties. A variety of surface structures can be created with the material, which provide greater safety with sound alerts when transporting signs and adequate night visibility in rainy weather. Intended for the structural marking of highly loaded asphalt roads.
COLOUR SHADES:	white, yellow, red, other shades by agreement
MIXING RATIO	SIGNODUR struktural : powder catalyst = 100 : 1 SIGNODUR struktural : liquid catalyst = 98 : 2
CONSUMPTION:	the thickness of the dry film depends on the method of application or the choice of profile (structural, agglomerate, spotflex) where the average material consumption is 2.5 - 3.0 kg/m ² + 0.030 kg/m ² powder catalyst or to 2.5 - 3.0 kg/m ² SIGNODUR struktural + 0.050 to 0.060 kg/m ² liquid catalyst. For a full line, the material consumption is min. 4.0 kg/m ² .
APPLICATION:	with machines intended for laying two-component cold plastics.
PACKAGING UNITS:	15 kg / 30 kg / 350 kg / 1600 kg / 1800 kg

SIGNOCRYL

Single-component paint for marking asphalt roads

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	single-component quick-drying solvent-based acrylic paint with a high proportion of dry matter and with good physico-chemical properties, for marking loaded asphalt roads.
COLOUR SHADES:	white, yellow, blue, red, green, black
CONSUMPTION:	0.5 – 0.8 kg/m ²
APPLICATION:	with all pneumatic and air-less machines suitable for applying single-component road paints.
PACKAGING UNITS:	3.5 kg / 25 kg / 30 kg / white also 1450 kg

SYGNOCRYL AQ

Single-component paint for marking asphalt roads

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	HELIOCRYL AQ is a single-component quick-drying water-based acrylic binder with a high proportion of dry matter and with good physico-chemical properties, for marking loaded asphalt roads.
COLOUR SHADES:	white, yellow
CONSUMPTION:	0.5 – 0.9 kg/m ²
APPLICATION:	with all pneumatic and air-less machines suitable for applying single-component road paints.
PACKAGING UNITS:	30 kg

Step 2**Glass beads**

To ensure the night visibility of road markings

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	glass beads ensure the adequate night visibility of road markings in both dry and wet conditions.
GRANULATION:	different compositions are possible in the granulation range 100 – 1400 µm
CONSUMPTION:	0.3 – 1.0 kg/m ² depending on the chosen system and the granulation of the glass beads
APPLICATION:	with a special gun or manually on the marking immediately after the application of the base material.
PACKAGING UNITS:	25 kg

8.2 Marking of asphalt cycle paths

Step 1

SIGNODUR roll

Two-component thick-layer coating for bicycle path markings

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	two-component cold plastic type coating with good physico-chemical properties. The system is intended for marking more loaded cycling paths and the decoration of smaller asphalt and concrete surfaces; for marking cycle paths on roads.
COLOUR SHADES:	transparent, transparent red
MIXING RATIO	SIGNODUR transparent : powder catalyst = 100 : 1.8
CONSUMPTION:	material consumption depends on the application method and amounts to components from 2.0 to 2.5 kg/m ² SIGNODUR transparent + from 0.036 to 0.045 kg/m ² powder catalyst SPRINKLE CONSUMPTION: from 4.0 to 5.0 kg/m ² dry and non-powder sand aggregate with a granulation range of 0.7 to 2.0 mm. For marking cycle paths, it is recommended to use a very long-lasting red coloured quartz sand with a granulation range of 0.4 - 1.4 mm. Various shades of sand can be used for decorative purposes.
APPLICATION:	manual application with a trowel.
PACKAGING UNITS:	25 kg + 25 kg (coloured quartz sand)

SIGNOCRYL cycle paths

Single-component paint for marking cycle paths

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	single-component quick-drying solvent-based acrylic paint with added anti-skid and with good physico-chemical properties. Intended for painting cycle path, pedestrian zones and surfaces with special traffic safety requirements.
COLOUR SHADES:	red/brown, blue, green, other shades on agreement
CONSUMPTION:	0.8 – 1.0 kg/m ²
APPLICATION:	with all pneumatic machines suitable for applying single-component road paints. Application with airless machines is not recommended.
PACKAGING UNITS:	25 kg

8.3 Marking of concrete roads, parking lots, airports, transport routes and decoration of asphalt surfaces

Step 1

SIGNOCRYL 2K PUR primer

two-component primer for increasing the adhesion of paint and cold plastic to concrete surfaces

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	SIGNO primer 2K PUR is a two-component polyurethane primer on the basis of acrylic binder and aliphatic isocyanate hardener. Intended to increase the adhesion of single-component and two-component road materials to concrete surfaces, for surface preparation for better adhesion.
COLOUR SHADES:	colourless
MIXING RATIO	SIGNO primer 2K PUR : SIGNO hardener 2K PUR = 8 : 1
CONSUMPTION:	A + B amounts to 0.1 – 0.4 kg/m ²
APPLICATION:	with all pneumatic and air-less machines suitable for applying single-component road paints or with a paint roller. Apply the finishing coat after the primer has dried, but not later than within 12 hours.
PACKAGING UNITS:	A - SIGNO primer 2K PUR (20 kg) / B - SIGNO hardener 2K PUR (2.5 kg)

SIGNOCRYL 2K PUR

two-component paint for marking concrete surfaces

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	two-component polyurethane paint on the basis of an acrylic binder and aliphatic isocyanate hardener. The paint is distinguished by its good chemical and mechanical resistance, and high UV resistance during long-term exposure. Intended for marking horizontal road signage on concrete surfaces and the decorative painting of concrete surfaces.
COLOUR SHADES:	white, yellow, other shades on agreement
MIXING RATIO	SIGNOCRYL 2K PUR : SIGNO hardener 2K PUR = 8 : 1
CONSUMPTION:	A + B amounts to 0.5 – 0.6 kg/m ²
APPLICATION:	with all pneumatic and air-less machines suitable for applying single-component road paints or with a paint roller in two coats.
PACKAGING UNITS:	A - SIGNO 2K PUR (20 kg) / B - SIGNO hardener 2K PUR (2.5 kg)

Step 2

SIGNODUR G

Two-component thick coating for road-laying (2.0 – 2.5 mm)

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	two-component cold plastic for laying, basically designed for manual application, with good physico-chemical properties. The material is intended primarily for the production of unstructured signs. Intended for marking highly loaded asphalt roads.
COLOUR SHADES:	white, yellow, red, blue, green, black
MIXING RATIO	SIGNODUR G : powder catalyst = 100 : 1 SIGNODUR G : liquid catalyst = 98 : 2
CONSUMPTION:	4.0 kg/m ² at a dry film thickness of 2.0 mm and by the components 4.0 kg/m ² SIGNODUR G + 0.040 kg/m ² powder catalyst or 4.0 kg/m ² SIGNODUR G + 0.080 kg/m ² liquid catalyst
APPLICATION:	manual application with a trowel or with machines intended for laying two-component cold plastics.
PACKAGING UNITS:	15 kg / 30 kg for the white shade

SIGNODUR struktural

Two-component thick road coating for profiled application (1.5 – 7.0 mm)

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	two-component cold plastic for laying, basically designed for machine application, with good physico-chemical properties. A variety of surface structures can be created with the material, which provide greater safety with sound alerts when transporting signs and adequate night visibility in rainy weather. Intended for the structural marking of highly loaded asphalt roads.
COLOUR SHADES:	white, yellow, red, other shades by agreement
MIXING RATIO	SIGNODUR struktural : powder catalyst = 100 : 1 SIGNODUR struktural : liquid catalyst = 98 : 2
CONSUMPTION:	the thickness of the dry film depends on the method of application or the choice of profile (structural, agglomerate, spotflex) where the average material consumption is 2.5 - 3.0 kg/m ² + 0.030 kg/m ² powder catalyst or to 2.5 - 3.0 kg/m ² SIGNODUR struktural + 0.050 to 0.060 kg/m ² liquid catalyst. For a full line, the material consumption is min. 4.0 kg/m ² .
APPLICATION:	with machines intended for laying two-component cold plastics.
PACKAGING UNITS:	15 kg / 30 kg / 350 kg / 1600 kg / 1800 kg

SIGNOCRYL

Single-component paint for marking asphalt roads

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	single-component quick-drying solvent-based acrylic paint with a high proportion of dry matter and with good physico-chemical properties, for marking loaded asphalt roads.
COLOUR SHADES:	white, yellow, blue, red, green, black
CONSUMPTION:	0.5 – 0.8 kg/m ²
APPLICATION:	with all pneumatic and air-less machines suitable for applying single-component road paints.
PACKAGING UNITS:	3.5 kg / 25 kg / 30 kg / white also 1450 kg

Step 3**Glass beads**

To ensure the night visibility of road markings

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	glass beads ensure the adequate night visibility of road markings in both dry and wet conditions.
GRANULATION:	different compositions are possible in the granulation range 100 – 1400 µm
CONSUMPTION:	0.3 – 1.0 kg/m ² depending on the chosen system and the granulation of the glass beads
APPLICATION:	with a special gun or manually on the marking immediately after the application of the base material.
PACKAGING UNITS:	25 kg

8.4 Marking grass surfaces

Step 1

SIGNOSPORT

Single-component paint for marking grass surfaces

INSTRUCTIONS FOR USE

- quick-drying paint
- on the basis of water dispersion
- very good adhesion to grass
- excellent resistance to rain

AREA OF APPLICATION:	marking of grass sports pitches and decorative colouring of grass surfaces.
COLOUR SHADES:	white, other shades on agreement
CONSUMPTION:	0.3 kg/m ²
APPLICATION:	with pneumatic and air-less machines suitable for water systems.
PACKAGING UNITS:	25 kg





The background of the page is a blue-tinted architectural wireframe of a multi-story building facade. The lines are thin and white, creating a complex grid of windows and structural elements. The perspective is from a low angle, looking up at the building.

OTHER

- 9.1** Renovation of reinforced concrete structures (buildings, bridges, tunnels...) 237
- 9.2** Painting glass 237



9.1 RENOVATION OF REINFORCED CONCRETE STRUCTURES (buildings, bridges, tunnels...)

QUALITY LEVEL	STEP 1	STEP 2	STEP 3
PREMIUM	 <ul style="list-style-type: none"> • EXPERTAN RM 01* binding and anti-corrosion coating 	 <ul style="list-style-type: none"> • EXPERTAN RM 02* structural repair mortar 	 <ul style="list-style-type: none"> • EXPERTAN RM 03* fine finishing mortar

9.2 PAINTING GLASS

QUALITY LEVEL	
PREMIUM	 <ul style="list-style-type: none"> • GRAVIHEL PUR SINGLE COAT 800 DTG

9.1 Renovation of reinforced concrete structures (buildings, bridges, tunnels...)

Step 1

EXPERTAN RM 01*

binding and anti-corrosion coating



- anti-corrosion mortar and binding coat for the remedial treatment of concrete
- suitable as a binding coat between concrete and mortars
- for the protection of reinforced iron with the remedial treatment of concrete
- excellent adhesion to concrete and iron

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	single-component polymer cement dry mortar mixture for anti-corrosion protection and improved adhesion.
CONSUMPTION:	Bonding Primer: Approx. 1.8 kg/m ² of powder per 1 mm of thickness Reinforcement Corrosion Protection: Approx. 2.0 kg/m ² of powder per 1 mm of thickness
APPLICATION:	machine, manual
APPLICATION THICKNESS:	bonding primer: min 1 mm armature protection: min 2 mm
INTER-LAYER DRYING:	approx. 5 hours under standard conditions of use
APPLICATION METHOD:	wet on wet
USE TIME:	40 min
PACKAGING UNITS:	25 kg

Step 2

EXPERTAN RM 02*

Structural repair mortar



- single-component, fiber-reinforced polymer cement dry mortar mixture for the structural remedial treatment and repair of concrete
- excellent adhesion and high mechanical hardness
- suitable for preserving and restoring the passivation of reinforced iron

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	remedial treatment work - repairs of broken and damaged concrete on buildings, bridges. For structural reinforcement - increasing the load capacity of concrete structures.
CONSUMPTION:	approx. 18 kg/m ² for a coat thickness of 1 cm
APPLICATION:	machine, manual
APPLICATION THICKNESS:	minimum – 6 mm maximum – 50 mm
APPLICATION METHOD:	wet on wet
USE TIME:	40 min
PACKAGING UNITS:	25 kg

Step 3

EXPERTAN RM 03*

Fine finishing mortar



- single-component mortar for filling cracks and for levelling
- high sulphate resistance and low permeability of chlorides
- suitable for preserving and restoring the passivation of reinforced iron

INSTRUCTIONS FOR USE

AREA OF APPLICATION:	single-component polymer cement dry mortar mixture for filling cracks. For remedial treatment work and the repair of minor damage (pores and aggregate concrete nest).
CONSUMPTION:	approx. 1.6 kg/m ² for a coat thickness of 1 mm
APPLICATION:	machine, manual
APPLICATION THICKNESS:	minimum – 1 mm maximum – 5 mm
APPLICATION METHOD:	wet on wet
USE TIME:	50 min
PACKAGING UNITS:	25 kg

9.2 Painting glass

GRAVIHEL PUR SINGLE COAT 800 DTG

2K PUR coating for direct application onto glass



















- good mechanical, temperature and weather resistance
- large selection of UNI, metallic and pearl shades and special effects
- applied directly to uncoated glass

INSTRUCTIONS FOR USE

FOR:	direct application onto glass. Intended for a wide variety of applications where you wish to paint the back of glass surfaces: glass surfaces for the kitchen and bathroom, glass and partitions.
CONSUMPTION:	0.20 – 0.25 l/m ²
APPLICATION:	mechanical, manual
THINNING:	25% thinning with GRAVIHEL THINNER ESS, if applying with a brush, thinning is not required
PACKAGING UNITS:	5 l (comp. A) - mix your chosen shade with the help of a pre-filled binder (3.7 l) and GRAVIHEL past
COLOUR SHADES:	GRAVIHEL color tools (NCS, RAL CLASSIC, RAL DESIGN, MOBIFleet, METALLIC, COLOUR GUIDE 2020...)

SPRAYGUIDE - HEA AIRLESS-TECHNOLOGY

Material	Nozzle type	Nozzle size	Dilution	Spraying pressure
 SPEKTRA LATEX SEMI-MATT	 HEA ProTip	515	5%	100 Bar
 SPEKTRA LATEX MATT	 HEA ProTip	515	5%	100 Bar
 SPEKTRA PREMIUM	 HEA ProTip	417	10%	140 Bar
 SPEKTRA Extra	 HEA ProTip	417	10%	60 Bar
 SPEKTRA SUPER	 HEA ProTip	515	10%	120 Bar
 SPEKTRA Perfect White	 HEA ProTip	515	10%	125 Bar
 SPEKTRA Classic Plus	 HEA ProTip	417	10%	120 Bar
 COLOR INTERIOR WALL PAINT	 HEA ProTip	417	10%	90 Bar




WAGNER recommends: SuperFinish 23 Pro



- 55% LESS OVERSPRAY
- PERFECT COVERAGE
- LONG SERVICE LIFE

HEA HIGH EFFICIENCY AIRLESS

SPRAYGUIDE - PLASTCOAT-TECHNOLOGY

Material	Type of device	Hose size and hose lengths	Nozzle type and Nozzle size	Powerlevel (5 – 10)	Gun
 SPEKTRA Level Fine	PlastCoat HP 30	DN19 + DN10 10 m + 2.5 m	TT3 443	10	AG 19
	HeavyCoat 950	DN13 + DN10 15 m + 2.5 m	TT3 539	Suggested pressure 220 Bar	AG 19
 SPEKTRA Level Medium	PlastCoat HP 30	DN19 + DN10 10 m + 2.5 m	TT3 443	10	AG 19
	HeavyCoat 950	DN13 + DN10 15m + 2.5 m	TT3 539	Suggested pressure 220 Bar	AG 19
 SPEKTRA Level Medium Light	PlastCoat HP 30	DN19 + DN10 10 m + 2.5 m	TT3 443	10	AG 19
	HeavyCoat 950	DN13 + DN10 15 m + 2.5 m	TT3 539	Suggested pressure 220 Bar	AG 19











WAGNER recommends: PlastCoat HP 30, HeavyCoat 750, HeavyCoat 950



MISSION: POWER- PLASTERING.







- HIGHEST RELIABILITY
- MAXIMUM PERFORMANCE
- SIMPLEST HANDLING

SPRAYGUIDE - HEA AIRLESS-TECHNOLOGY

Material	Nozzle type	Nozzle size	Dilution	Spraying pressure
 SPEKTRA Top Dry	 HEA ProTip	519	10%	120 Bar
 SPEKTRA Facade Silicone	 HEA ProTip	519	10%	100 Bar
 SPEKTRA Facade Siloxane	 HEA ProTip	521	5%	100 Bar
 SPEKTRA Facade Acryl	 HEA ProTip	519	10%	75 Bar
 COLOR FACADE PAINT	 HEA ProTip	519	10%	80 Bar




WAGNER recommends: SuperFinish 23 Pro

SPRAYGUIDE - HEA AIRLESS-TECHNOLOGY

Material	Nozzle type	Nozzle size	Dilution	Spraying pressure
 SPEKTRA 2K epoxy paint for concrete	 HEA ProTip	515	5%	210 bar
 Floor Expert EP 310W	 HEA ProTip	517	5%	200 bar
 Roof Expert AC 1K	 HEA ProTip	521	5%	120 bar

WAGNER recommends: SuperFinish 33 Pro

SPRAYGUIDE - PLASTCOAT-TECHNOLOGY

Material	Type of device and feed height	Hose size and hose lengths	Nozzle type and nozzle size	Pump casings	Compressor spraying pressure
 SPEKTRA ACRYLIC PLASTER 1.5 mm	PlastCoat 1030 E	DN 25 10 m	texture nozzles 6 mm	W 10/3 Yellow	min 330 l/min min 2 bar
 SPEKTRA SILICON PLASTER 1.5 mm	PlastCoat 1030 E	DN 25 10 m	texture nozzles 6 mm	W 10/3 Yellow	min 330 l/min min 2 bar
 SPEKTRA ADHESIVE EPS	PlastCoat 1030 E	DN 25 10 m	texture nozzles 6 mm	W 10/3 Yellow	min 330 l/min min 2 bar

WAGNER recommends: PlastCoat 1030 E



- POWERFUL
- COMPACT
- VERSATILELY

REVIEW OF SYMBOLS

HELIOS



Interior and exterior wall and floor surfaces



Interior wall and ceiling surfaces



Interior surfaces



Interior wall and floor surfaces



Exterior surfaces



Exterior and interior surfaces



Interior floor surfaces



Drying time between individual coats



Dipping



Application with a roller or brush



Roller application



Brush application



Application with a tanpone, sponge, spatula...



Mechanical application



Application with spraying



Application with a notched trowel



Trowel application



Application with a cloth

AQUAVITA, BIOHEL



Dipping



Flow coating



Brush



Spraying



Brush



Cloth

Use biocides safely. Always read the label and product information before use.

REVIEW OF SYMBOLS

COLOR



Exterior and interior wall surfaces



Exterior wall surfaces



Application with a roller, brush or spraying



Application with a brush or a roller



Trowel application



Application of the next coat



Drying time

CHROMOS



Interior surfaces



Exterior and interior surfaces



Interior floor surfaces



Number of coats with a brush



Number of coats with a smoothing tool



Number of coats with a roller



Alternative. Number of coats with an air gun



Number of coats with a brush



Thin with a thinner



Do not thin



Thin the paints for coats 1 and 2 with water




























Do not thin with water




Consumption

REVIEW OF SYMBOLS

NEOSTIK

	Partially resistant to vibrations		Dotted application
	Resistant to vibrations		Application in curves
	Highly elastic joint		Application in a line
	Suitable for interior and exterior use		Application with a cartridge gun
	Suitable for temperatures from - 20 °C to + 75 °C		Brush application
	Suitable for use in slightly damp spaces		Before application, apply a coating tube
	Suitable for use in damp spaces		Application with spraying
	Environmentally friendly		Easy to paint
	Extremely strong grip		Final grip strength
	Assembly without tools		Consumption
	Good insulation		Suitable for roof tiles
	Foam volume after expansion		Resistant to wind and weather effects
	In accordance with standard ETAG 004		

BELINKA

	for exterior surfaces		spraying
	for interior surfaces		applying with a brush or a roller
	for exterior and interior surfaces		dipping
	for exterior and interior damp surfaces		applying with a cloth
	applying with a brush or spraying		applying with a spatula
	applying with a brush		

HGMIX

Fantasy without limits

The modern **HGMIX** mixing system completes the missing spectrum of colour shades in the ready-made colour mixtures. The complete range of the system comprises several thousand colour shades, and the majority of top coatings of the **HELIOS** trademark are available in shops with suitable equipment and computer technology.

The road to the desired colour shade is easy. Sample of cloth, wallpaper, floor covering, ceramics, etc. Compare your sample with our colour samples in a shop with the **HGMIX** system. After selecting the colour shade, the colour will be immediately prepared in the shop using the suitable quality and desired quantity. The **HGMIX** mixing system enables the preparation of the selected colour shade based on a larger number of colour charts, such as: **INTERIOR COLOUR COLLECTION, EXTERIOR COLOR COLLECTION, MONICOLOR 720, BORI HGMIX, RAL, NCS...**

Colour cards

HGMIX COLOR COLLECTION

INTERIOR and EXTERIOR



HGMIX COLOR COLLECTION INTERIOR and **EXTERIOR** color cards they offer a wide range of color shades that can be prepared on the wide range of **HELIOS** interior and exterior wall colors. Own set of shades allows a free selection of the individual style of your home.

The **HGMIX INTERIOR COLOR COLLECTION** allows you to choose from 1194 color shades of interior wall colors, divided into 8 color categories; pastel, neutral, red, orange, yellow, green, blue and purple.

HGMIX EXTERIOR COLOR COLLECTION covers 450 shades for external wall surfaces divided into 7 color categories; pastel, neutral, red, orange, yellow, green and blue. Color chart also allows the selection of decorative plasters for plinth.

A special feature of the **HGMIX EXTERIOR COLOR COLLECTION** color chart are IR reflective shades that, thanks to the IR pigments in the final layer they prevent the absorption of heat and thus have a significant effect on less heating of irradiated surfaces. Excessive heating is characteristic of dark color shades of the facade surfaces, where it comes as a result to greater expansion and contraction of the installed finishing plaster, which leads to the appearance of micro-cracks and affects the shorter lifespan of facades.



RAL

RAL color shades are used as a standard for selection shades for powder paints and paints for metal and plastic. It is the most popular Central European standard for paints that is used today. These shades of colors are used in architecture, construction, industry, road construction for signaling, etc.

