

System solutions

CONSTRUCTION CATALOGUE

GROUP KANSAI HELIOS IN NUMBERS

560 mio €

in sales

145.000 m²

production areas

2.320

employees

200 +

employees in R&D

Delivering to more than

50.000

customers in more than
89 countries worldwide

24

companies in 16
European countries

100 years

of tradition

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

FACADES

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

2.1 THERMAL INSULATION FACADE SYSTEMS

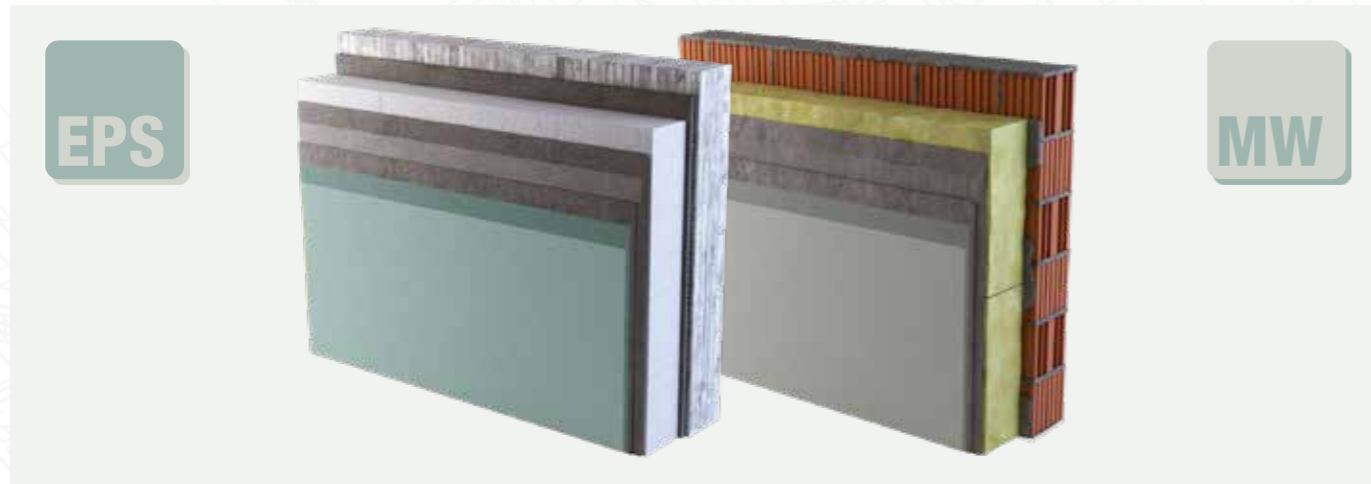
QUALITY LEVEL	1 ADHESION	2 INSULATION	3.5 PROCESSING	4 REINFORCEMENT	5 IMPREGNATION	6 TOP COATS
SPEKTRA EPS (GRAPHITE) premium 	<ul style="list-style-type: none"> • SPEKTRA ADHESIVE EPS 	<ul style="list-style-type: none"> • SPEKTRA EPS-F insulation panels • SPEKTRA EPS GRAPHITE-F insulation panels 	<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
SPEKTRA EPS classic 	<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
SPEKTRA MW premium 	<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
SPEKTRA MW extra 	<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*
SPEKTRA MW classic 	<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*
AUXILIARY PRODUCTS	<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



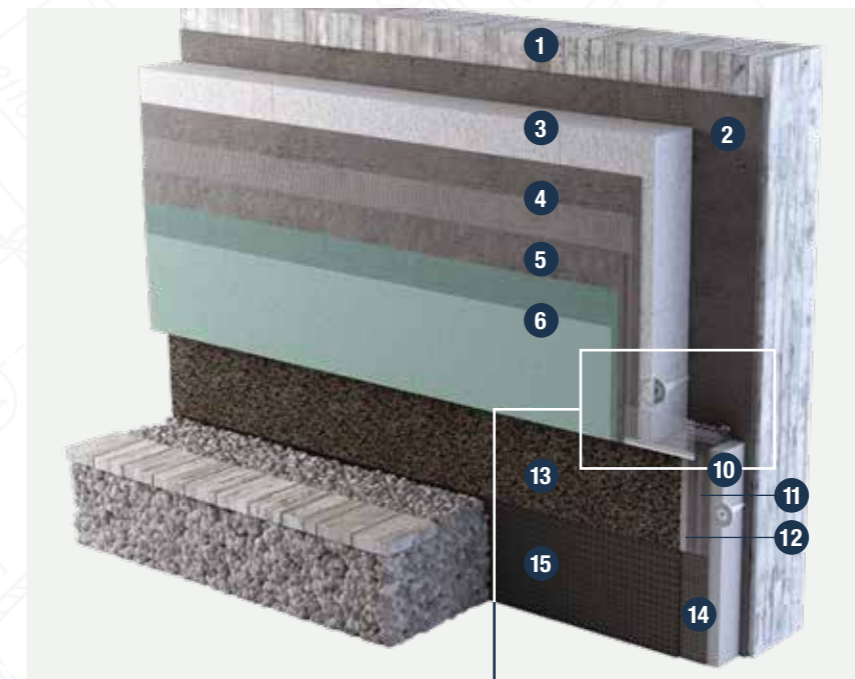
1. SPEKTRA adhesive for polystyrene
2. Facade polystyrene panel (EPS-F)
3. SPEKTRA adhesive for polystyrene
4. SPEKTRA reinforcing mesh
5. SPEKTRA adhesive for polystyrene
6. SPEKTRA UNI GRUND
7. SPEKTRA plasters - acrylic or silicone

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, asebstos-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), herakliith, 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, asebstos-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



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



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



* available to order

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%

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

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/m ² 1.5 mm Z: approx. 2.5 kg/m ² 2.0 mm Z: approx. 3.0 kg/m ² 2.5 mm Z: approx. 3.2 kg/m ² 1.5 mm R: approx. 2.5 kg/m ² 2.0 mm R: approx. 2.8 kg/m ² 2.5 mm R: approx. 3.2 kg/m ²
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/m ² Granulation 1.5 mm: cca. 2.6 kg/m ² Granulation 2.0 mm: cca. 3.0 kg/m ²
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/m ² Grain 2.0 mm: 3.5 to 4.5 kg/m ²
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.

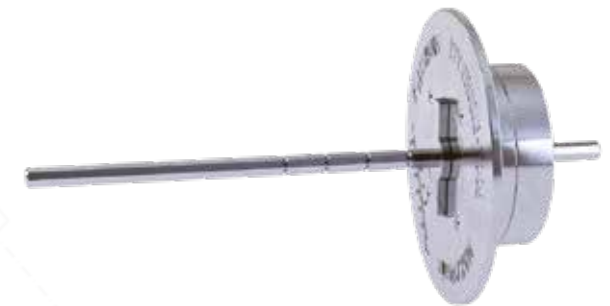
PACKAGING UNITS: 290 ml

COLOUR SHADES: white, grey

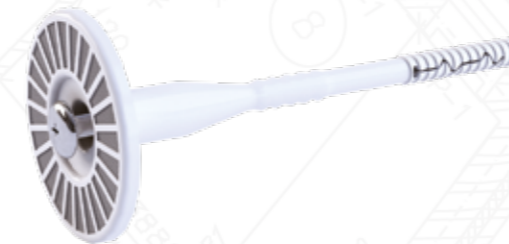
SPEKTRA PP plastic fixture



SPEKTRA tool for mounting PPV fixtures



SPEKTRA fixture with PPV screw



SPEKTRA EPS and MW cap

Ø 70 x 17

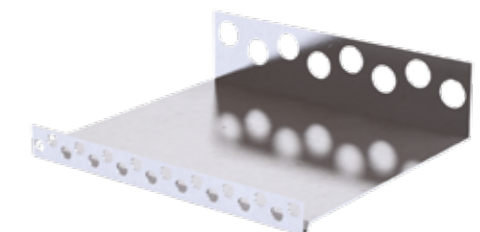


SPEKTRA PSK fixing anchor

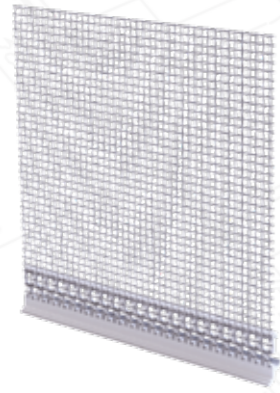


SPEKTRA supporting ALU profile

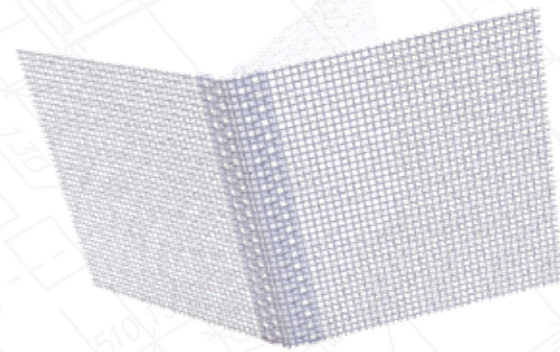
120 – 160 mm, 2.50 m



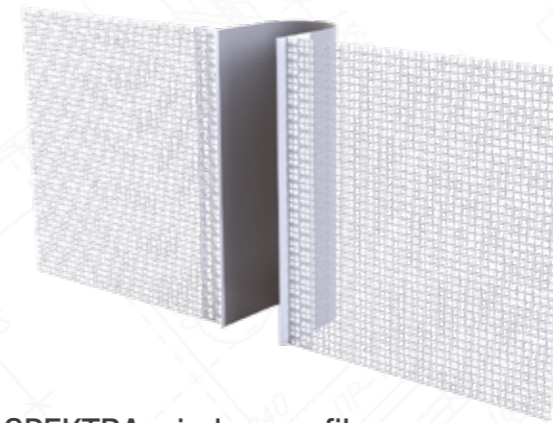
SPEKTRA mounting profile
for the plinth profile



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



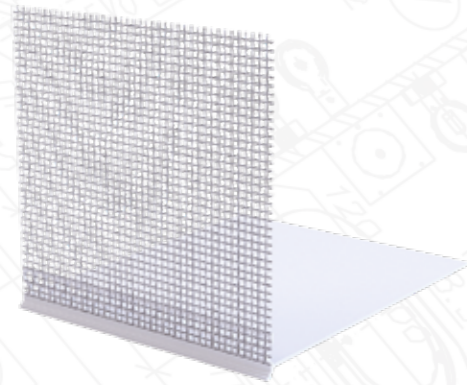
SPEKTRA expansion profile TYPE II
2.50 m (straight)



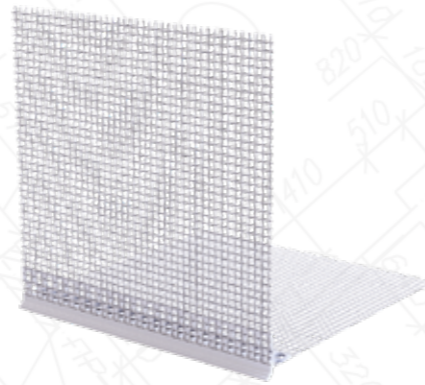
SPEKTRA PVC connection profile for sheet
metal frames with reinforcing mesh
2.50 m (angular)



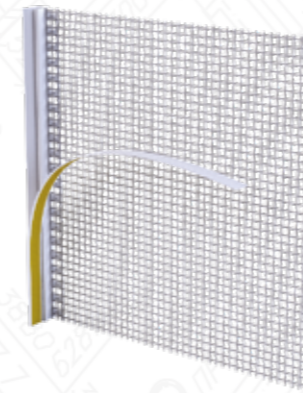
SPEKTRA insert base PVC profile
50 – 100 mm with reinforcing mesh 2.50 m



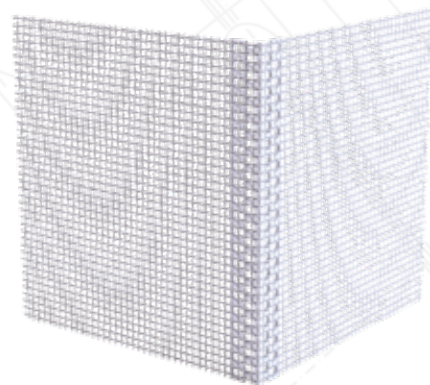
SPEKTRA drip PVC profile
with reinforcing mesh
10 × 10 cm, 2.50 m



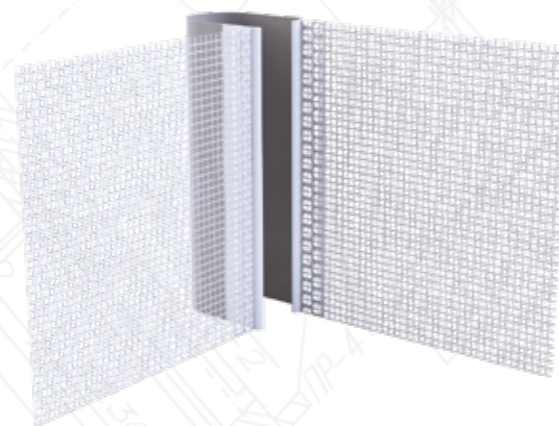
SPEKTRA window profile
with VWS reinforcing mesh
2.40 m



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














SPEKTRA expansion profile TYPE I
2.50 m (angular)





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 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

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 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

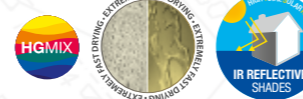
Top coat

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 surfaces 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



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 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

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

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
<p>SYSTEM FOR RENOVATION OF THE FACADE (older buildings, facades)</p>	 <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*
<p>Universal plaster for renovation and leveling, 3–30 mm in one application</p>	 <ul style="list-style-type: none"> • FASADEX RENO MAX* 			
<p>Universal fine plaster for renovation and leveling, 1–10mm in one application</p>	 <ul style="list-style-type: none"> • FASADEX RENO FINE* 			
<p>Plaster for decorative techniques: roller, smooth concrete, rough concrete, glass glitter...</p>	 <ul style="list-style-type: none"> • FASADEX DECORATIVE PLASTER* 			
<p>AUXILIARY PRODUCTS</p>	 <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



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)



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 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)

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

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

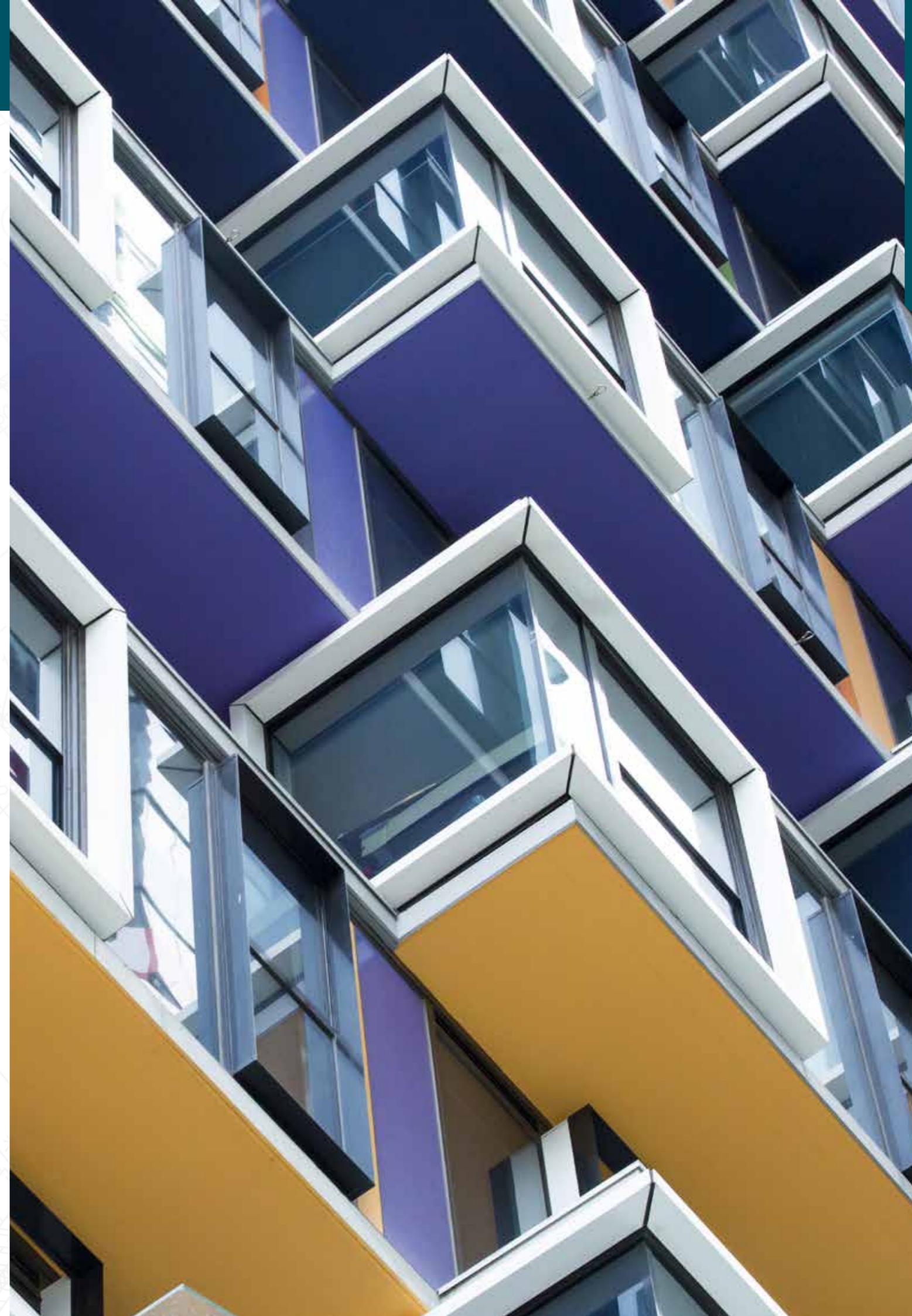


- penetrates deep into the base
- prevents wall dampening and salt efflorescence, lime leaching, growth of microorganisms (fungi and mold), premature erosion and soiling of facade surfaces
- improves the thermal insulation ability of the wall (due to less humidification)
- does not reduce the vapor permeability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



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