

SPEKTRA RENOXAN

AREAS OF USE

For the protection and decoration of facades and all other outdoor mineral wall surfaces. Suitable for the renovation of all thermal insulation systems based on Styrofoam and mineral wool, painting of all types of mineral and dispersion plasters, fibre cement and wood cement boards, concrete and for the coverage of old dispersion coatings.

PROPERTIES

- Reinforces and bridges micro cracks
- High water vapour permeability
- High degree of water resistance
- Biocidal protection of paint film
- Colour stability (inorganic pigments)
- Resistance to wearing (silica filler)
- Resistant to weather effects and harmful industrial atmospheres

TECHNICAL DATA

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|---|---|
| COMPOSITION | silicone and styrene-acrylate binder, pigment, fillers and special admixtures in water |
| COLOUR SHADES | White, HGMIX |
| TINTING | Possible with pigment pastes, which are suitable for water-based paints and contain only 3% to 5% inorganic pigments |
| DENSITY | 1,45 – 1,51 kg/l |
| WATER ABSORPTION W24 (EN 1062-3:2008) | |
| WATER VAPOUR PERMEABILITY sd (EN ISO 7783:2012) | |
| THINNING | 5 – 10% with water |
| EU VOC categories and limits | IIA(c), 40 g/l (2010); product contains: max. 18 g/l |
| PACKAGING UNIT | 2 l, 10 l |
| SHELF LIFE | The product stored in the original closed packaging (temperature from +5°C to +35°C, in a dry space) can be used up to the best before date indicated on the packaging. PREVENT FREEZING! |

INSTRUCTIONS FOR USE

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| APPLICATION | Roller, brush, spraying |
| WORKING CONDITIONS | The temperature of the coating, air and surface should be a minimum of +5 °C. |
| DRYING (T= +20 °C, at 65% rel. humidity) | Dry and suitable for subsequent application after 6 - 10 hours. |
| COVERAGE | Theoretically: for two-layer application 1L per 3 – 4 m2 of smooth surface. Actual consumption is dependent on the thickness of application and roughness of the surface. |
| CLEANING OF TOOLS | With water immediately after use. |

SURFACE PREPARATION

All dust and impurities should be removed from the surface. Washing with pressurised water or steam is recommended. Remove old, loose coats until a solid surface is obtained. Smooth rough and uneven surfaces with a material whose composition is similar to that of the surface (mortar or cement mortar) and allow them to dry thoroughly. (Each cm of new roughcast requires 7 - 9 days of drying under normal weather conditions.) All peeling pieces from old mineral roughcast facades must be manually removed and replaced with new roughcast. The suitability, hardness and adhesion of old coatings must be checked prior to coverage (renovation) of already-coated surfaces. The surface must be dry and hardened before painting. Do not apply **SPEKTRA RENOXAN facade paint** in the rain, fog or strong winds. The facade should be shaded in sunny weather to prevent uneven drying, which affects the quality of the coating.

Facade surfaces contaminated with mould and algae should be coated with the SPEKTRA biocide agent SANITOL prior to painting. When the facade surfaces have dried, remove the mould manually. The process should be repeated several times, depending on the severity of the contamination.

COATINGS SYSTEMS

The following table lists examples of possible preparations and protection of various surfaces. A thorough examination and expert assessment of the state of the building and eventual test of the proposed protection on the building is required prior to application of the individual system.

| SURFACE | SURFACE PREPARATION | IMPREGNATION | FINISHING COATING |
|---|---|--|-------------------|
| Lime-cement roughcast - new - old | | 1x SPEKTRA acrylic impregnation | |
| Dispersion roughcast - new - old | | 1x SPEKTRA acrylic impregnation | |
| Thermal insulation systems facade paint - based on EPS with acrylic roughcast - based on MW with silicone roughcast | Cleaning, removal of loose particles, repair of damaged areas if required | 1x SPEKTRA acrylic impregnation 1x SPEKTRA acrylic impregnation | 2xSPEKTRA RENOXAN |
| Concrete, fibre cement and other non-porous surfaces | | 1x SPEKTRA deep impregnation | |
| Surface painted with dispersion hues | | 1x SPEKTRA acrylic impregnation | |

NOTES AND SPECIAL FEATURES

- Mix the paint well before using.
- Thinning the paint over the recommended dose will decrease coverage.
- Drying time increases at lower temperatures and higher air humidity.
- Maximum humidity of the surface being painted is 3%.
- When selecting the colour hue, a lighter shade is recommended to ensure longer durability of the paint film. Surfaces coated with strong colour hues heat up more than those coated with light colour hues, which eventually can lead to damage to the coating and substrate.