

Short description Moisture-proof, microporous and vapour-open coloured coating based from micropolymers and a silane hybrid

Application

- Used as a decorative, moisture-proof protection of various construction materials such as brick, stone, concrete and all hydraulic or synthetic bound plastering
- The answer for treatments whereby the microporous properties of a mineral paint and the moisture-proof characteristics of a high-grade acrylic paint are required
- Used in new constructions and renovation

Properties

- Semi-liquid coating.
- Ready for use.
- When dry the coating forms a protective layer that is as moisture-proof as a high-grade acrylic paint but also has the microporous and vapour-open qualities of a mineral paint. The result is an ideal protective layer whereby the treated material keeps its properties with respect to the moisture exchange with the environment. Even trapped water due to design or construction errors is able to dry without causing damage.
- Thanks to the tensio-active quality of the coating water and dirt do not penetrate the film resulting in a permanent unsoiled and easy to clean surface.
- The coating also forms a layer that is non-flammable and does not spread flames.

Directions

Preparation

- The surface to be treated must be suitable and in good condition. It must be dry and clean and all dust, dirt, grease and loose and other materials must be removed.
- The masonry and all other materials to be treated including the jointing must be frost-resistant, contain no alkali or swelling agents and be free of efflorescence salts.
- Powdery bases must be pre-treated with Tensiocoat Fix complying with the appropriate directions.

Work method

- Applied with a brush, a roller or an airless gun in 2 layers.
- The normal drying time between two layers is 4 hours.

Important remarks

- The minimum temperature for film formation of Tensiocoat is 10°C.
- As usual with water-based paint systems one should not apply it in direct sunlight, in frosty weather or imminent night frost.
- To avoid lines the product is applied wet in wet.
- Tools can be cleaned immediately after use with water or soapy water.
- An exact match with the colour chart cannot be guaranteed for dark colours, due to the open structure of the paint.

Technical characteristics

Form	semi-liquid
Specific weight	+/- 1,5 (white, pastels and medium colours) +/- 1,2 (strong tones)
Content of dry substances	+/- 61 m%
Ingredients	silane hybrid micropolymer
Moisture resistance	W < 0,1 kg/m ² . 24 hours class 1: watertight
Breathing capacity	Sd = 0,034 m class 1: vapour open microporous (Sd ≤ 0,1 m)
CO ₂ permeability	0,18 (class C0) : CO ₂ permeable, no carbonation inhibitor

Colors

Rewah Paint Colors (2024 colors) + a wide range of colors available on the coloring machine.

Degree of gloss

Super matt (85°: <1)

Reports

- University Gent: Test report 11328B: Fire reaction
- Setsco CT-4697/JA/1: Carbon dioxide Diffusion resistance
- Coril ES-160415a: Water vapour permeability
- Setsco CH-13498/LZP: VOC

Quantity to use

0,150 – 0,250 ltr/m²/layer

Packaging

1 ltr, 5 ltr and 10 ltr

Safety information – Transport – Handling and storage - Waste

Consult the most recent and product-related safety information sheet from Rewah in compliance with the (EU) 453/2010 annex II/A guidelines. The information on the abovementioned safety information sheet has been drawn up with the greatest care and is based on the knowledge available at the date of issue. We accept no liability for damage or hindrance of any kind which could be caused by the use of the product concerned.

Transport and storage

Transport and store away from frost. Protect the product and its packaging against direct sunlight. Avoid storage at temperatures >30°C.

Storage life

1 year after manufacturing in the original closed packaging.

Considerations

The data included in this sheet, the application advices and other recommendations are based on extensive research and experience. They are however not binding also in relation to third party liability. They do not protect the customer against checking the products and directions for their suitability for the purpose. The characteristics and properties described are average values and analyses registered at 20°C, variances are tolerated. Our customer service will gladly answer your questions. The rewrite of this sheet replaces all previous sheets.