Technical Datasheet

VS-W

Transparent, water-based, acrylic protective varnish with nanomolecular structure

Description

VS-W is a ready-to-use, transparent, acrylic water-based varnish with nanomolecular structure, used for protecting cementitious substrates (concrete, decorative microcement coatings, etc.).

- It enhances the natural color of the material delivering a beautiful gloss finish.
- It is UV-stable; it will not turn yellow over time.
- It is solvent-free and odorless, ideal for interior, poorly ventilated spaces.
- It is suitable for indoor and outdoor use.

Fields of application

VS-W enhances the natural color of the surface whilst protecting it from pollution. It is suitable for application on cementitious substrates, such as decorative microcements, and prior to application of polyurethane varnishes. For interior and exterior use on wall and floor surfaces.

Technical data

Color:	transparent (once dry)
Density:	0.98kg/l
Touch dry:	20 ± 5 min
Recoat time:	3-4 h
Viscosity: (DIN 53211-70, 2 mm, 23ºC)	100±10 sec
Gloss level: (EN ISO 2813-99, 20ºC)	> 60%
Solid content by weight: (EN ISO 3251-03)	26 ± 2 %

Cleaning of tools: Remove as much material as possible from tools before cleaning. Clean tools thoroughly with water and soap right after use.

Directions for use

1. Substrate preparation
The substrate must be dry, clean, free of grease, oil, loose particles, dust, etc.

2. Application
VS-W is diluted with water at a ratio of 1:1 by volume and then applied with a brush, roller, or spray in two layers. The second layer is applied after the first one has dried.

Consumption

150-200 ml/m^2/layer, depending on substrate absorbency.

Packaging

1 l, 5 l and 20 l containers.

Shelf life – Storage

24 months from production date if stored in original, unopened packaging at temperatures between +5°C and +35°C. Protect from direct sunlight and frost.

Remarks

- Temperature during application of the product should be between +5°C and +35°C.
- Please consult the safety instructions written on the packaging before use.

Volatile Organic Compounds (VOCs)

According to Directive 2004/42/CE (Annex II, table A), the maximum allowed VOC content for the product subcategory i, type WB is 140 g/l (2010) for the ready-to-use product.
The ready-to-use product VS-W contains a maximum of 16 g/l VOC.

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