

Mineral Sealer

Two-component epoxy primer for indoor mineral finishes.

PRODUCT DESCRIPTION

Mineral Sealer is a new-generation, two-component, epoxy primer, with low emissions of volatile organic compounds and low emissions of formaldehyde.

It can be diluted in water, with low viscosity and high penetrating power. Specifically for indoor, vertical and horizontal mineral finishes.

Mineral Sealer does not alter the colors of decorative finishes and maintains unchanged the troweled effect.

Mineral Sealer can be used as sealer in **Wall2Floor** systems, when combined with **Wall2Floor Top Coat Fine**.

Mineral Sealer consolidates the mineral surface and optimises application technical performance of **Clear Finish** during the laying phase and subsequent hardening phase.

USES

Specifically for the preparation of indoor, vertical mineral surfaces:

- decorative finishes in mineral nature
- stone, limestone, marble, natural stone or cast stone materials
- exposed brick
- concrete surfaces

It is not suitable for film-forming protection of Era Veneziana, Mirror and Extrawhite, Archi+ Concrete and Big.

IDENTIFICATION FEATURES

Binder nature: epoxy and specific hardener.

Density Component A: 1.08 g/ml +/- 3%

Density Component B: 1.05 g/ml +/- 3%

MIXTURE PREPARATION

Homogenise **Mineral Sealer Component A** of any sedimentation. Pour **Mineral Sealer Component B** into **Mineral Sealer Component A** and mix by hand for approx. 45-60 seconds. Alternatively, you can use a mechanical mixer equipped with an impeller by slowly mixing for approx. 1 minute.

The mixture obtained must not have clumps, portions of the two components unmixed or impurities. Leave to rest for 5-10 minutes before application.

Mixing ratio in weight: 10 parts of **component A** + 7 parts of **component B**

DILUTION

Dilute the mixture obtained (0.500 l of component A + 0.350 l of component B) adding 2.5 l of water.

Use time of the mixture: approx. 60 minutes, do not add further water to prolong the life of the mixture.

WARNINGS

Mix the material adequately before laying.

Do not apply on fresh substrates or in the presence of rising damp. Do not use the product beyond its pot life, even if the viscosity of the permits.

SUBSTRATE PREPARATION AND APPLICATION

(With environmental conditions T=25° C, RH=60%)

The surface must be completely dry, dust-free and free of salt stains caused by humidity.

Using a brush, apply a coat of previously mixed and diluted **Mineral Sealer**, taking care to saturate the pores of the substrate and distribute the product evenly over the entire surface.

The surface treated with Mineral Sealer must always be covered by one of the Clear Finish finishes.

RECOMMENDATIONS

During all the phases to prepare the substrate, the products and application, you are advised to correctly use the equipment and personal protective equipment (PPE).

Do not expose the products for long periods to direct sources of heat or temperatures under +5°C.

If storing products at a temperature around +5°C, you are advised to bring them, before use, to a location with adequate temperature, to condition them at a use temperature not under +10°C. Don't heat the products using a direct source of heat, flame, warm body or similar.

Low temperatures increase viscosity in the pot making it difficult to use and lengthening or inhibiting the drying and hardening process of the various products.

You are advised to complete each job with materials from the same manufacturing batch. If using different batches, you are advised to mix the various products together.

CLEANING EQUIPMENT

With water, immediately after use.

YIELD

Mineral Sealer: 4-8 m²/l per single coat and refer to the applications on irregular and average absorbing substrates.

Mineral Sealer: 8-12 m²/l per single coat and refer to the applications on smooth and average absorbing substrates.

It is advisable to determine the real yield with a preliminary test on the specific substrate.

COLOURS

Colourless.

PACKAGING

Mineral Sealer Component A: 0.500 l

Mineral Sealer Component B: 0.350 l

SHELF LIFE

The material has a duration in the pot of 12 months provided it is kept in a covered warehouse at a temperature between +10° C and +30° C.

SAFETY INSTRUCTIONS

Directive 2004/42/EC:

Mineral Sealer (two-component, high performance paint)

EU value limit for Mineral Sealer (cat A/j): 140 g/l (2010)

Mineral Sealer contains a maximum 140 g/l of VOC.

Technical data sheet: Mineral Sealer

Review no.: 03

Date compiled: 05-06-2019

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Epoxy content: read the manufacturer's information carefully / Harmful by inhalation / Irritating to respiratory system / May cause sensitisation by skin contact / Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The product can be transported, used and stored according to hygiene and safety legislation in force; leave residue to dry completely and treat as special waste.

For further information, consult the safety data sheet.

N.B.- COLORIFICIO NOVACOLOR guarantees the information in this data sheet is provided to the best of its experience and technical and scientific knowledge; nonetheless, the company cannot be held liable for the results obtained using these products, as application conditions are beyond its control. You are advised to always ensure the product is suited to each specific case. This data sheet voids and replaces any previously existing data sheet.