

Surface stabilizing and waterproofing agent

Description

Polymer emulsion, highly penetrative. The nano-molecular structure of the dispersion offers excellent penetration to the final product. Applied on porous surfaces, it protects them from moisture and salt stains, while preventing fungi-mould growth. NANO-SEAL is also used as a surface hardener on weak or dusty substrates. After drying, it is transparent and can be painted.

Fields of application

NANO-SEAL is used to protect porous substrates, such as concrete, masonry, plaster, gypsum boards, chip boards, natural stone etc., from moisture and salt strains. NANO-SEAL can also be used to harden weak substrates, such as plasters etc. Suitable for both indoor and outdoor applications.

Technical data

Form: emulsion
 Color: light blue
 Density: 1.00 kg/l
 pH: 8.5

Cleaning of tools:
 Tools are cleaned with water, immediately after use.

Directions for use

1. Substrate preparation

The surface to be primed must be dry and free of dust, grease, dirt etc.

2. Application

NANO-SEAL is thoroughly stirred and uniformly applied on the substrate by brush, roller or spraying, until full impregnation. On very porous surfaces, a second layer might be

required. The second layer is applied, once the first layer has dried.

Consumption

100-200 g/m², depending on the absorptivity of the substrate.

Packaging

NANO-SEAL is available in 1kg, 5kg and 20kg plastic containers.

Shelf-life / Storage

Shelf-life in sealed containers is 24 months, in frost-free conditions.

Remarks

- Temperature during application must be between +5°C to +30°C.
- The product should be completely dry before it is covered.
- After drying, NANO-SEAL is almost transparent. Therefore, if the surface is not going to be covered, NANO-SEAL should always be applied under trial, because it can change the appearance of the surface.

Volatile Organic Compounds (VOCs)

According to the Directive 2004/42/CE (Annex II, table A), the maximum allowed VOC content for the product subcategory h, type WB is 30 g/l (2010) for the ready-to-use product.

The ready-to-use product NANO-SEAL contains a maximum of 30 g/l VOC.

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