

## 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/m<sup>2</sup>, 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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