

## Technical Datasheet

# NANO-SEAL

## Surface sealer and stabilizer

### Description

High-penetration polymer emulsion used to protect porous surfaces from moisture and salt stains while preventing fungi and mold growth. Thanks to its nanomolecular structure, it penetrates deep into the surface and is rapidly absorbed, forming a protective film. NANO-SEAL is also used as a surface hardener to consolidate weak, dusty and powdery substrates. After drying, it is transparent and can be overpainted.

### Fields of application

NANO-SEAL is used to protect porous substrates such as concrete, masonry, plaster, gypsum boards, chipboards, natural stone, etc., from moisture and salt stains. 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 to the substrate with a brush, roller or spray until full impregnation. For very porous surfaces, a second layer might be required. The second layer is applied once the first one has dried.

### Consumption

100-200 g/m<sup>2</sup> depending on substrate absorbency.

### 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 NANO-SEAL will be left exposed, it is recommended to treat an inconspicuous area first to evaluate the final appearance of the surface.

### Volatile Organic Compounds (VOCs)

According to 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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