

# BERLING NANOPRIMER

## Waterproof Nanotechnology Primer



12.2022 V.03

One component, waterproof, water-based primer based on special nanotechnology resins. It penetrates deep into the lower pores of the substrate and at the same time gives it an increased hydrophobicity. This way it can stabilize the surfaces before painting, reduces their absorbency, enhances the adhesion of the paints and contributes to a more uniform spreading and better finishing. Also due to the hydrophobicity that the substrate acquires, the humidity is impeded from the exterior to the interior of the substrate and cracking is prevented. At the same time, it allows the surface to breathe and can emit any water vapor. Suitable for substrates of cement, concrete, plaster as well as for puttied surfaces. Ideal for loose chalked or painted substrates.



**Stir well before use**



**Coverage:**  
8-10m<sup>2</sup>/lt



**Drying time:**  
Touch dry after ½ to 1 hour.



**Thinning**  
Ready to use, no thinning is required



**Paint:**  
Roller



**Paint:**  
Brush

### Product Characteristics

- One – component nanotechnology water-based hydrophobic primer
- Helps to uniformly spread the final paints.
- Provides waterproofing properties to the substrate.
- Prevents humidity from entering the substrate.
- Excellent penetration capacity
- Stabilizes loose substrates before the final painting.
- Ready to use - No thinning is required.
- Recoated by emulsion, acrylic or insulating paints.
- Low in volatile organic solvents.
- Almost odorless

### Packaging:

1lt  
5lt  
20lt



The above information is based on laboratory audits and the long experience of the scientific staff of the company. The quality of the product is guaranteed by the company's operating system which is based on the requirements of ISO 9001, ISO 45001, ISO 14001 and the EMAS regulation. As producers we are not responsible for any damage or damage caused in the event that the product has not been used for the appropriate application and in accordance with its instructions for use.

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## Technical Specifications



<b>V.O.C</b>	10gr/ltr ( Maximum Volatile Organic Compounds content ready for use).
<b>Density</b>	1.01 ± 0.02 gr/cm <sup>3</sup> (ISO 2811)
<b>Viscosity</b>	9-16sec, 25°C (Cup 4 DIN 53211)
<b>pH</b>	8-9
<b>Coverage</b>	8-10m <sup>2</sup> /ltr, per coating - depending on the type and the absorbency of the surface
<b>Drying time</b>	Touch dry after ½ to 1 hour. (Drying time may be extended depending on temperature and humidity)
<b>Recoating</b>	After 3 to 4 hours. (These times may be prolonged depending on temperature and humidity)
<b>Thinning</b>	Ready to use, no thinning is required.

### ACCORDING TO 2004/42/EK

PHASEII,  
Subcategory,  
Binding Primers Limit  
VOC Value =  
30gr/ltr, Max. VOC  
Value = 15 gr/ltr  
(ready to use  
product).



### Storage

Storage indoors to avoid exposure to high or low surfaces and high humidity conditions. Avoid sources of heat, radiation, static electricity, and storage near food. Keep container tightly closed. After opening can use product in a short period of time. Close the can well.



### Safety Instructions- Prevention of environmental harming

Minimize paint wastage by estimating how much paint you will need. Recover unused paint for reuse. Reuse of paint can effectively minimize the products life cycle environmental impact. Clean tools with water and soap. Do not put residual paint down the kitchen sink or toilet or into a waste bin. Empty cans with paint residues should be handled the same way and disposed according to local Regulations. You should ask for advice for the local government section responsible for the collection and disposal of waste. Ask for advice from an authorized body for waste recovery. Wear protective gloves and goggles/ Do not eat, drink when handling the product. Wash wand with suitable cleaning products. Keep out of reach of children. Always read the can label before use.  
**For further information ask for the Safety Data Sheet of the product.**

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## Recommended application systems



### Interior/ Exterior walls

- New surfaces / Already painted surfaces

#### Preparation

The surfaces to be painted should be dry and clean of dust, oils, salts or old peeled paints. In the case of new cementitious substrates, after 28 days the material matures/develops full strength.

#### Primer

In the case of new surfaces, apply one or more Berling Nanoprimer coatings, depending on the absorbency.

#### BERLING NANOPRIMER

1-3 coats

In the case of already painted surfaces that show loose or chalking, apply one or more coatings, depending on the extent of the problem and until the surface is stable. Do not apply on already painted surfaces that do not have irregularities and loose material.

#### Final coating

For a uniform and impressive result apply 2 coats of Berling's Emulsion or Acrylic or Insulating paint.

#### BERLING'S EMULSION or ACRYLIC or INSULATING PAINT

2 coats

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