





WATERPROOFING NANOSTRUCTURED COMPOUND

Product Description

Nano PoreKote FC is an innovative nanotechnology with waterproofing properties. It is a water-based nano-emulsion that exhibits high hydrophobic performance, suitable for exterior and interior surfaces. Nano PoreKote FC shows resistance against UV.

Fields of Application

Nano PoreKote FC is suitable for the protection of fibrous porous substrates, such as:

- Plasters
- Board/Sheetrock
- Synthetic Wood, like OSB
- Paper & Carton

Properties-Advantages



- High waterproofing, due to its nano-molecular structure, reducing the water uptake
- Long lasting protection
- Reduces dirt pick-up and limits fungal growth, thus facilitating the cleaning of the surface, allowing it at the same time to breathe
- Water-based
- Solvent-free, VOC-free and PFOA-free (does not contain toxic substances)
- Easy to apply

The information supplied in this datasheet, concerning the uses and the applications of the product, is based on the experience and knowledge of BASICHEM®. It is offered as a service to designers and contractors in order to help them find potential solutions. However, as manufacturer, BASICHEM® does not control the actual use of the product and therefore cannot be held responsible for the results of its use. As a result of continual technical evolution, it is up to our clients to check with our technical department that this present data sheet has not been modified by a more recent edition.





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Technical Characteristic

Appearance/Color Milky white liquid

Density (EN ISO 2811.01) 0.01 kg/l
Consumption 200ml/m²

Drying time (25°C, 65% RH) 1 hour

Recoating time (25°C, 65% RH) < 24 hours

Full cure time (25°C, 65% RH) 24 hours

Water penetration value (RILEM Test Method 11.4) 0.00 ml/min (concrete surface)

Liquid water permeability (EN 1062-3) 0.0004 Kg/m²h^{0.5}

Application Condition

Relative atmospheric humidity < 80% Surface humidity content < 4%

Application temperature +5°C - +35°C

PoreKote FC Consumption Rates:
Porous Surfaces: 250ml/m²
Non Porous Surfaces: 150ml/m²

Instructions for use

Surface preparation: Clean the surface from dust, mildew, dirt or any poorly adhering material. Use mechanical means or water blasting to clean the substrate. Avoid the use of detergents or soap, as they affect the adhesion of the product to the surface.

Application: PoreKote FC is concentrated and has to be diluted with tap water before using. Apply one layer on a dry surface with a brush, roller, or spray gun. In absorptive surfaces apply a second layer at less than 24 hours after the first layer.

Special Notes

It will reach its full water protection within 24 hours after its application. For very absorptive and porous surfaces apply a second coat.

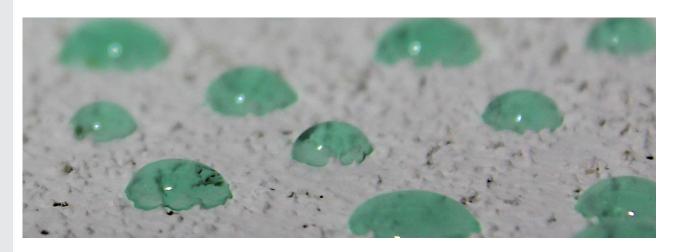
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Packaging	IBC (1000L)
Cleaning of Tools	Use tap water
Storage Stability	Nano PoreKote FC is stable for 24 months when kept unopened in its original container, protected from frost and direct sunlight.



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