



WATERPROOFING NANOSTRUCTURED COMPOUND

Product Description

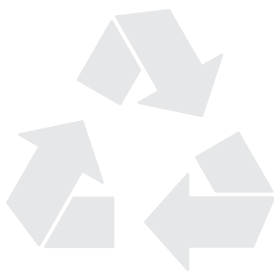
Nano PoreKote FC is an innovative nanotechnology with waterproofing properties. It is a water-based nano-emulsion that exhibits high hydrophobic performance, suitable for exterior and interior surfaces. Nano PoreKote FC shows resistance against UV.

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

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Technical Characteristic

Appearance/Color	Milky white liquid
Density (EN ISO 2811.01)	0.01 kg/l
Consumption	200ml/m ²
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/m ² h ^{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

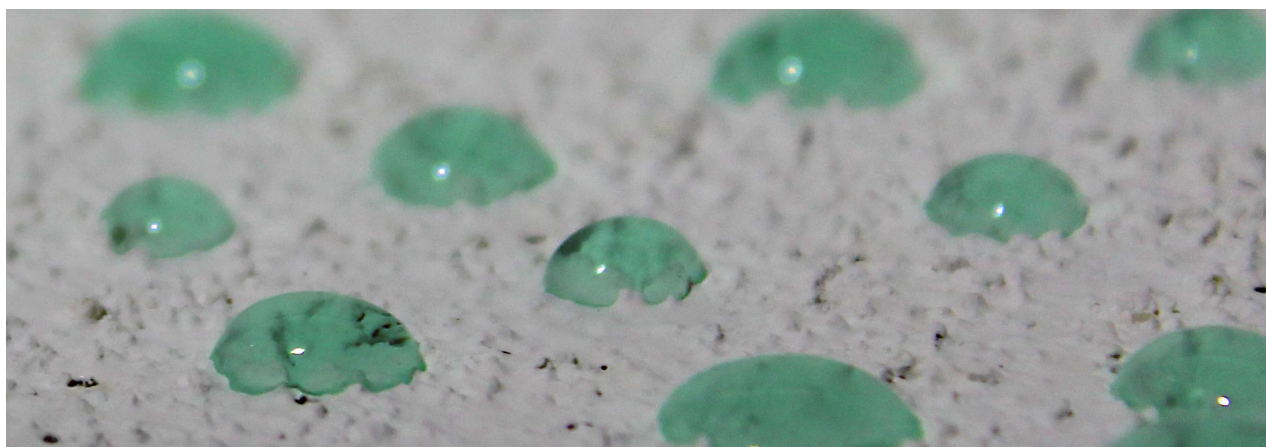
It will reach its full water protection within 24 hours after its application. For very absorptive and porous surfaces apply a second coat.

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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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