

Product Data Sheet
Edition 09.2014
Identification No. N - 4



SURFAPORE R

Water-based, Nano Emulsion For Waterproofing Of Porous Clay Based Surfaces

Description

It is a water-based, nano emulsion to fill the pores of clay-based surfaces as roof tiles, cotto and pottery so as to protect them against water, ageing, unsightly greening, mould growth and cracking.

It complies with ISO EN 1015-18.

Where to use

- Roof tiles water repellent.
- Prevents frost threat.
- Prevents mould growth.
- Prevents efflorescence and white spot development.
- Protects pottery.
- Protects absorptive cotto tiles.

Advantages

- Most Effective & Nano Based.
- High Breathability.
- Not Film Forming, Invisible.
- Long Lasting & UV Resistant.
- Easy Application on Surface or by dipping.
- Water based.
- Environmentally friendly.
- Cost Effective.

Properties

Form	Milky liquid
Color	White
Density	1.01 gm/cm ³
Viscosity	15 mpa.s
Water absorption	100°c
Capillary water coefficient	0.07 kg/m ² .min ^{-1/2}
Water permeability loss	5%

How to Use

Surface preparation:

- The application surface should be dry and clean.

Dipping:

- Dip the clay based object in SurfaPore R for 30 seconds.
- In any case (surface application or dipping) test results on a small area before full scale application.
- Maximum water repellency is achieved 24 hours post application.

Application:

- Apply SurfaPore R by brush, roller or spraying.
- No dilution is required.
- On very absorptive surfaces reapply within 3 hours.

Theoretical Coverage:

Estimated consumption rate 9-11 m²/L, strongly dependant on the properties of the surface applied.

Packaging:

1L, 4L, 30L Containers, 1000L IBCs

Shelf Life & Storage:

SURFAPORE R has a shelf life of two years at least when stored in normal dry condition.

Health and Safety

- Care should be taken to avoid inhalation of dust and to prevent material entering the eyes.
- Use goggles-gloves and a breathing mask when applying.
- Apply forced ventilation in confined spaces.
- Remove splashes from skin with hand cleanser or soap and water.
- Eye splashes to be washed with plenty of water.



Additional Information

PROKEM provides the construction industry with a comprehensive range of construction Chemicals and specialty products answering the queries of modern engineers for trouble free durable structure.

PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction, **PROKEM** extends technical services to include after sales support to assist users in a proper handling of our products.

