

Product Data Sheet
Edition 09.2014
Identification No. N - 7



Prokem
SPECIALITY CHEMICALS

SURFAPORE W

Water Based, Nano Emulsion For Waterproofing Absorptive Wooden Surfaces

Description

It is water based, nano emulsion designed for absorptive wood surfaces to make it water resistant, assure its dimension stability and give it protection against decay without any visual change on the surface. It is also a primer for varnish and coatings.
It complies with ASTM D-4446, D-5401.

Where to use

- Protection of Water.
- Absorbing Wood.
- Pressure Treatment.
- Fences/Posts.
- F e/Roof Shingles.
- Garden Furniture/Sheds.
- Docks.
- Paint or Varnish Primer.

Advantages

- Prevents Cracking.
- Prevents Warping.
- 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	Water emulsion
Density	0.98 gm/cm ³
Viscosity	20 Mpa.s
Color	Milky white
Water repellency	73%
Water exclusion	96%

How to Use

Surface preparation:

- The application surface should be dry and clean.

Application:

- Apply SurfaPore W by brush, roller or spraying.
- No dilution is required.
- Dip the wooden surface in SurfaPore W for 30 seconds.
- Remove any application excess.
- In any case (surface application or dipping) test results on a small area before full scale application.
- Maximum water repellency is achieved 24 hours after application.
- Recommended application temperature is above 5°C.

Theoretical Coverage:

Estimated consumption rate 6-8 m²/L, strongly dependant on the properties of the surface applied.

Packaging:

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

Shelf Life & Storage:

SURFAPORE W 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.