



SILICOREP WR200

Silicone based water repellent

Description

SILICOREP WR200 is composed of Siloxane & Silane polymers dispersed in water. It is used for waterproofing of concrete & cementitious vertical walls of building because it penetrates deeply into the substrate & provides an effective water repellent protective coating. It does not change the appearance of the substrate & the water repellent coating is UV resistant and durable.

Advantages

- Ease of application
- Ready to use, simply brushable or spray applied. Staining
- Clear coating does not stain the treated surface
- Does not change the appearance of exterior decorative coating
- Prevents entry of moisture into the wall, but allows moisture to evaporate out
- Prevents efflorescence
- Cost effective
- Due to low viscosity penetration is high, which provides the hydrophobic zone

Uses

- Water repellent treatment for
- Cement painted surfaces
- Concrete, mortar Clay brick surfaces
- Natural and artificial stones
- Mangalore tiled roofs Corrugated AC sheet roofing, etc.

Standard Compliance

ASTM 6489

Technical Information

PROPERTIES	RESULTS
Colour	Clean free flowing pale yellow liquid
Specific weight	1 @ 30°C
Dry time	20 to 30 minutes
pH	7 to 8
siloxane	Approx 100%

Method of Application

- Surface should be dry and free from all debris, dirt, oil, grease, wax and all other contamination, which could prevent penetration.
- SILICOREP WR200 should be diluted with water ratio of 1:9 to 1:14 & should be used on the day of dilution.
- Apply one liberal coat of SILICOREP WR200, simply by brushing evenly on the prepared surface.
- Allow the surface to dry for a minimum of 24 hrs for best results.
- It can also be applied with an airless spray (0.07 - 0.1 N/mm² pressure).
- Apply second coat wet on wet, to improve the penetration rate & performance. Allow it to dry for 24 hrs
- Close the container lid properly after use. Before applying over the natural stones like sand stone, slate sampling should be done on a small area to check its suitability.
- Before taking up application on a large area, it is advisable to check the performance of the product on a relatively small area.

Coverage

- On porous substrate – 7 to 8 m² / lit
- On low porous substrate – 8 to 9 m² / lit

Packaging

- It is supplied in 1, 10, 20, 50 & 200 litres pack.

Shelf Life

- Shelf life is 12 months in unopened packs stored at room temperature i.e.27°C.

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