

Octa Seal WR

Siloxane Penetrating Water Repellent

DESCRIPTION

Octa Seal WR is a siloxane based water repellent in a mineral spirit carrier formulated to protect a variety of building materials against the damaging effects of water, chloride and other waterborne contaminants. It is not a surface coating. Octa Seal WR penetrates up to 1/4 inch or more into treated surfaces and bonds with the substrate to provide long lasting, hydrophobic protection, even at hairline cracks.

The "low" solids content of Octa Seal WR is possible because it does not depend on the deposition of solids to achieve a water repellent effect. Some types of water repellents rely on high solids content and inert materials to fill pores and form water resistant films.

Octa Seal WR siloxane penetrating water repellent consists of 100% active ingredients that physically and chemically react with the substrate. This forms a photo-reactive surface which becomes water repellent after just 4 to 24 hours of exposure to ultra-violet light (direct or indirect sunlight) and continues to increase in effectiveness through several weeks of exposure.

USES

- For surface waterproofing of new or restored surfaces such as: brick, concrete, dry precast, adobe, natural stone, ceramic tile, stuccos, and mortars.
- Siloxane Water Repellent can be applied to partially contaminated and pre-water repelled surfaces.
- For vertical surfaces, but also works on non trafficked horizontal surfaces.

ADVANTAGES

- Protects against water damage, leaks, staining and corrosion
- Excellent chloride and salt protection
- Resists water penetration, even at hairline cracks
- No surface discoloration
- Non-glossy
- Excellent beading effect
- Excellent on vertical surfaces

TECHNICAL DATA

- Appearance.....Colorless
- Solids content by weight:.....5%
- Composition.....Proprietary modified silane siloxane
- Solvent & mineral spirits
- Penetration.....6.35mm depending on substrate
- VOC Content.....>600 g/l
- Yellowing.....None
- Appearance after application.....Unchanged to slight darkening
- Flash point.....44 °C

SHELF LIFE & STORAGE

18 months in original sealed containers. Store in dry, frost free and out of direct sunlight.

PACKAGING

10 Litre Can

COVERAGE RATES - SQ FT PER 3.78 LITERS

Architectural concrete, precast or

cast-in-place.....	100-125
Clay brick.....	90-150
Terra-cotta.....	90-150
*Natural stone.....	120-250
Granite Polished.....	500-700
Exposed aggregate products.....	100-150
Concrete masonry units.....	50-100
*Ceramic Tile.....	120-250
*Marble.....	120-250

CAUTIONARY NOTES

*Testing is recommended before treating any surface to ensure desired results.

Octa Seal WR siloxane water repellent is not recommended for non-porous surfaces like glazed or vitrified tile and dense polished marble or granite.

APPLICATION TECHNIQUES

- To achieve good penetration of the Octa Seal WR siloxane water repellent the building material to which it is applied should be air-dry at the surface to a depth of 6mm. The area for treatment should not have any damp patches.
- A low pressure spray equipment should be used for spraying Octa Seal WR.
- A two coat application is recommended.
- The equipment may be cleaned with the use of xylene or mineral spirits.