



# **WATER REPELLENT WATER BASE**

*(Concrete, masonry and stucco water-repellent sealant)*

## **1- Product Description**

Water Repellent Water Base is a high performance solvent based water-repellent sealant containing silane / siloxane. This is a breathing and colorless product that penetrates deep into the concrete and masonry surfaces to form a permanent bond.

Water Repellent Water Base S has the ability to resist water without altering the natural appearance of many substrates once dried. It does not form glossy film surfaces like other film forming sealant.

## **2- Use**

Water Repellent Water Base forms as invisible water-repellent barrier to protect a variety of masonry substrates such as natural stone, concrete, cement blocks, architectural concrete, acrylic coatings, bricks, and other masonry products.

## **3- Coverage**

The quantity of product to apply will depend on the surface, texture and porosity of the substrate.

Substrates	3.78 L/m <sup>2</sup> (1 gal/ft <sup>2</sup> )	18.9 L/m <sup>2</sup> (5 gal/ft <sup>2</sup> )
Concrete blocks / washed concrete /regular bricks	9.5-14 m <sup>2</sup> (100-150 ft <sup>2</sup> )	47-70 m <sup>2</sup> (505-755 ft <sup>2</sup> )
Colored concrete blocks/Split face full concrete blocks	11.7-16 m <sup>2</sup> (125-175 ft <sup>2</sup> )	58.5-81 m <sup>2</sup> (630-875 ft <sup>2</sup> )
Porous bricks Sandstone	7.5-11 m <sup>2</sup> (81,5-122 ft <sup>2</sup> )	37.8-56.7 m <sup>2</sup> (407-610 ft <sup>2</sup> )
Architectural concrete	16-20.8 m <sup>2</sup> (175-225 ft <sup>2</sup> )	81-104 m <sup>2</sup> (875-1119 ft <sup>2</sup> )

#### **4- Application**

Apply the product early in the morning or in the shade. Avoid rain during application and drying. The temperature should be above 10°C (50°F) and remain so for 24 hours before and after product application.

All surfaces must be sound and free of dust, dirt, thin concrete, oil, grease, efflorescence, paint, sealant or any other material or product which may prevent penetration and adhesion of the Water Repellent Water Base product.

Cleaning methods: sanding, scraping, high-pressure washing and sandblasting with final water pressure cleaning. Allow sufficient time to dry (usually 24 hours, for the surface to be completely dry).

Water Repellent Water Base S can be applied using a roller, a brush or a low pressure spray. Do not apply on wet surfaces. It is recommended to apply 2 coats of Water Repellent Water Base .

Note: If a corrosive or acid cleaning product is used, the surface must be neutralized and thoroughly washed of all residues. Follow the manufacturer's instructions and all SDS when using such materials. It is the responsibility of the installer to ensure that said chemical agents are authorized by local authorities (such as the EPA) and/or the building owner.

Curing information: Once Water Repellent Water Base is applied to a masonry surface, the extremely fine particles penetrate into the substrate, and the hydrophobic component reacts chemically with the surface on which it has been applied.

Note: a chemical bond is formed by the substrate silica molecules, which produces the water-repellent surface. Water Repellent Water Base is fully in depth cured in about 7 days

#### **5- Cleaning**

Clean tools and equipment with warm water and soap immediately after use.

#### **6- Storage / Shelf Life**

*Water Repellent Water Base* should be stored in a cool, dry, and adequately ventilated area in tightly sealed containers at a temperature between 10 and 40°C (50 - 104°F).

Keep away from frost. Product lifetime is of 1 year

(Do not mix with other additives or coatings)

## **7- Personal Protection**

When using *Water Repellent Water Base* , it is recommended to wear the following safety equipment:

- Safety goggles or protective glasses
- Chemical resistant gloves
- Long sleeves and/or rubber based protective clothing

## **8- Transport conditions**

- Shipping Name: Not applicable.
- TDG Classification: Not regulated.

## **9- Specific Properties**

<b>Property</b>	<b>Value</b>
Density	1.00 g/mL
pH	7.5
VOC calculated	30 g/L
Penetration	3 à 6 mm

