



## *Top Sealer WR 5000-WB*

### Product Description

An Active water based component for formulating penetrating water repellent. The product gives penetration of absorbent surfaces due to small molecular structure provides added repellency. The product performs and pond on both neutral and alkaline substrates.it is also UV stable to increase the life of the treatment. it allow water vapor permeable but give resistant to liquid water.it is also very important to mention that penetrating treatment will not Change the appearance of the substrate at low solids levels.

### Application Areas

Upon proper application, the formulated product will penetrate and provide water repellency by chemically reacting with the substrate. Treated substrates are hydrophobic and retain their original appearance. It can be used on both neutral and alkaline substrates like natural stones or cement plaster surfaces.

### Properties

- Water based
- High penetration ability.
- Odorless.
- Environmental friendly.

### TECHNICAL PROPERTIES

<i>Appearance/Color</i>	Transparent
<i>Density:</i>	0.96 kg/liter
<i>Consumption:</i>	100 g / m <sup>2</sup>
<i>Surface dry:</i>	10 - 15 approx. min (s) 23°C/73.4°F 50% R.H.
<i>Light foot traffic</i>	2 -3 hours (23°C and 50% R.H.)
<i>Full dry:</i>	24 hours (23°C and 50 % R.H.)
<i>Application temperature:</i>	+10 °C/50° F and +35 °C/ 95°F

### Application Details

<i>Application method:</i>	Brush / Roll / Airless Spray
<i>Thinner:</i>	Fresh water
<i>Thinner Amount:</i>	Do not add anything to the product .



## ***Surface Preparation:***

All surfaces should be dry and free from contamination such as oil, grease, loose particles, decayed matter, moss, algal growth, laitance and all traces of mold release oils and curing compounds. This is best achieved by lightly grit-blasting the surface. Where moss, algae or similar growths have occurred, treatment with a proprietary biocide should be carried out after the grit-blasting process. It is recommended to apply two coats of the product and for pores surfaces another two coats is needed for superior protection especially for external use. Methods of application include airless sprayer, roller and brush. When a brush or roller is used, repeated applications should be made until the surface remains moist for a few minutes. If an airless sprayer is used, application should continue until the substrate is thoroughly saturated. On vertical applications, material should be applied from the bottom to up. To ensure compatibility and the desired water repellent result, a test application is necessary on each surface to be treated. Surfaces should be free of standing water, Water Repellent may be applied to damp or wet surfaces, although dry surfaces are preferred to achieve maximum penetration into the substrate.

## ***PRECEDING COAT:***

None

## ***Important Remarks:***

- Surfaces must have enough structural strength.
- Concrete should have minimum of 25 N/mm<sup>2</sup> compression resistance and minimum 1, 5 N/mm<sup>2</sup> tensile strength.
- Applications below 10°C should be avoided.
- The surface should be protected from moisture and rain for 24 hours after application.
- All application tools and equipment should be cleaned with water immediately after the use. Cured material can only be removed mechanically.
- Use only where application and drying can proceed at temperatures above: 10°C/50°F. The temperature of paint itself should be 15°C/59°F or above.

## ***Shelf life & Storage:***

12 months from date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5°C and +30°C.

## ***Safety:***

For information and precautions on the safe handling, transportation storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

## ***Legal Notice:***

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