

# WATER REPELLENT

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TDS20 Rev6 01/08/18

## Concrete and Masonry Weatherproofing Breathable Weatherproofer

### DESCRIPTION

Westox Water Repellent is a clear formulated poly functional silane siloxane, providing maximum protection for concrete and masonry surfaces while allowing the surface to breathe.

### USES

Westox Water Repellent penetrates and chemically reacts with all cementitious surfaces, preventing spalling and re-bar corrosion by locking out water and harmful waterborne contaminants such as CO<sup>2</sup>. Westox Water Repellent will not discolour or otherwise alter the appearance of concrete and masonry surfaces and does not film form.

### FEATURES

- ✓ Maximum water repellency
- ✓ Alkali Stable
- ✓ UV stable
- ✓ Cost effective
- ✓ Protection barrier against chloride laden water
- ✓ Can be applied to dry or damp surfaces
- ✓ Chemically bonds to surface, providing long term durability
- ✓ Reduces efflorescence

### TECHNICAL DATA

Colour	Clear
Active Ingredient Content	12-14 (W/W)%
Components	One
Application Method	Roller, brush or low pressure fan jet pump spray
Drying times	Touch 20-40 minutes @ 25°c
Full cure time	7 days
Theoretical coverage per coat (2 flood coats required)	Brick 2 - 5m <sup>2</sup> per Litre Concrete 5m <sup>2</sup> per Litre Concrete (steel trowel) 7.5m <sup>2</sup> per Litre.

### NOTE

Coverage rates are intended as a guideline only. The texture and absorption characteristics of the surface will determine the actual coverage rate.

### LIMITATIONS

Application should not proceed during inclement weather.

Westox Water Repellent will react with airborne water vapour.

Do not leave lid off container when not in use.

Not recommended for below grade waterproofing or application where water pressure is from interior of wall.

Westox Water Repellent will not prevent penetration through unsound or cracked substrates.

If Water Repellent is applied on or near buildings containing foodstuff, they should be removed prior to application and until material has fully dispersed.

To prevent damage to nearby shrubbery and landscaping, cover or protect with a drop sheet.

## PREPARATION

Surface cleanliness is critical to final appearance of substrates treated with Westox Water Repellent.

All oil, grease, form release agents and air pollution deposits must be removed prior to application.

All surfaces are to be structurally sound.

Mortar joints and masonry that has voids, or is cracked, or contains weak or unsound material must be repaired prior to application.

New concrete, new masonry and restoration work must reach full 28 day cure strength before application. Should high salt content be present, desalinate with Westox Cocoon.

## HORIZONTAL SURFACES

Wipe off any excess material sitting on top of low porosity tiles or tracking will occur.

## APPLICATION

Westox Water Repellent is a single component solution, ready to use from the container.

The substrate surface temperature should be above 5°C and below 35°C.

To provide adequate coverage in a minimum amount of time, use low pressure airless (knapsack) spray and flood coat the surface, starting at highest point.

Apply in a uniform manner in sufficient quantity to completely wet out the substrate.

Overlap each pass to avoid gaps and areas of insufficient coverage.

Apply second coat, wet on wet i.e. while the first coat is still wet.

Should high salt levels be present desalination is recommended prior to the application of Westox Water Repellent refer to Westox Cocoon Data Sheet.

## CLEAN UP

Wash all equipment immediately after use in white spirit.

## PACKAGING

5 Litre.

20 Litre.

## SHELF LIFE

6 months, in unopened container.

## SAFETY

Refer to Westgate Pty Ltd Safety Data Sheet (SDS) for instructions.

Provide adequate ventilation during application. Repeated or prolonged contact may cause injury to skin or eyes. Repeated or prolonged inhalation of vapour may cause respiratory irritation or intoxication. Do not cut or weld containers.

## CAUTION:

*This product will permanently mark and stain glass, mirrors, auto paints and powdered coatings, therefore take required action to prevent product from contact by masking or covering all areas except the area that is to be treated. This product is not suitable for application by conventional high pressure spray equipment that will atomize or vapourise the product. Application should be carried out by low pressure (knapsack) garden type sprayer or suitable airless equipment that does not atomize or vapourise. Flood coating is the general term stated for application.*



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