



# X300 REPELLER™

Technical  
Data  
Sheet

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Document #: 108 V4i  
Page 1 of 2



## INTERNAL AND EXTERNAL PROTECTION FOR CONCRETE. GIVING SURFACE STAIN PROTECTION

### Description & Uses

**X300 Repeller™** is an invisible, breathable low VOC treatment for concrete. Penetrates and chemically bonds to the silica providing water repellence and oil resistance. Dries to a clear invisible no build, breathable finish.

### Features and Benefits

- Repels water and resists oils
- Does not change slip rating
- Preserves original appearance
- Extra time to remove spillages that may stain
- Easier snow/ice removal
- Reduces efflorescence
- Resistant to alkali attack
- Reduces dust
- Suitable for any concrete or masonry surface
- Improves Fungus / Mildew Resistance
- UV Resistant
- User Friendly
- Odourless
- Non-Flammable
- Environmentally Friendly
- Will not darken or yellow

### Physical and Chemical Properties

<b>Appearance:</b>	Low viscosity transparent liquid.	<b>Explosive Limits:</b>	Not applicable.
<b>Odour:</b>	Almost none.	<b>Relative Density:</b>	Ca. 1.09 @ 20°C.
<b>pH:</b>	Ca. 11.4	<b>Solubility:</b>	Fully miscible in water.
<b>Initial Boiling Point/ Boiling Range:</b>	> 100°C @ 760 mm Hg.	<b>Auto-ignition Temperature:</b>	Product is not self-igniting.
<b>Flash-point:</b>	Not applicable.	<b>Viscosity:</b>	Low.
<b>Flammability (solid, gas):</b>	Not applicable.	<b>Volatile Organic Compounds (VOC) Content;</b>	0.0 % w/w.
<b>Flammability or</b>			

### Recommended Substrate Conditions & Preparation

Freshly Placed Concrete:	5 m <sup>2</sup> per litre.
Existing Concrete:	5 m <sup>2</sup> per litre

#### Important Notes:

1. Wax, paint, curing compounds or a burnished surface restricting access to concrete's interior must be chemically or mechanically removed for **X300 Repeller™** to penetrate and work properly.

2. Areas of high porosity have a faster penetration rate. These areas appear to drop in immediately after spraying and will require additional product. If the product surface dries it will repel itself, be quick.

3. Do not apply on frozen substrate or when temperature is

below 3°C and getting colder.

4. Do NOT apply if rain is forecast within 3 hours.

5. Before applying any paint, adhesives or any other coatings, wait 24 hours after application with **Oxtek X300 Repeller™** and pressure wash or sand and clean.

6. **X300 Repeller™** may etch glass or dull brushed and shiny aluminium and can be difficult to remove from other surfaces once it dries. Cover and mask surrounding surfaces or rinse immediately if sprayed.

7. We recommend the use of a painters mask during application. Refer to MSDS available from

[www.oxtek.com.au](http://www.oxtek.com.au)



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Page 2 of 2

## Application Guide

- **Can be used in conjunction with either X220 Moisture Fix or X200 Densi-Proof**
- Protect areas that are not intended for coverage as product will damage them (i.e glass, tiles & aluminium)
- Remove all dust, dirt, stains, glues and previous coatings.
- Test area for suitability
- Apply **X300 Repeller™** with a soft broom, or a non-atomising pump sprayer.
- Apply evenly at **5m<sup>2</sup> per litre**.
- Do not allow to puddle dry otherwise a white precipitate may be left that will be difficult to remove.
- Allow 24 hours to dry thoroughly

## Additional Data and Precautions

### Available in 5 15 200 1000 Litre Containers

1. Any coatings that may restrict access to the concrete's interior must be chemically or mechanically removed for X300 Repeller to penetrate.
2. Protect areas not intended for coverage.
3. Do not apply on frozen substrate. Only apply if temperature is 3°C and rising.
4. **X300 Repeller's** spray mist is not hazardous to breathe. However, we do recommend the use of a face mask during application. Refer to MSDS.

5. Do not apply if rain is expected within the next 3 hours
6. Do not apply in full sun exposure or to hot surfaces exceeding 34°C
7. Incidental skin contact should not be hazardous, however ingestion or eye contact is to be avoided.
8. For more information read Material Safety Data Sheet available at **www.oxtek.com.au**

## Projects

- Museum of Contemporary Art Sydney
- Royal Melbourne Show Grounds M1 Pavilion, Centenary Pavilion
- Aquatic Centres - Gisbourne, Nunawading, Ringwood, Canberra
- Back of House IGA, Coles, Woolworths.
- Dan Murphys
- Multi National Family Restaurant freezer and coolroom system

