



THE NAME SAYS IT ALL

X300 REPELLER

Technical Data Sheet

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IN SURFACE PROTECTION FOR CONCRETE GIVING LIQUID AND STAIN PROTECTION

Description & Uses

X300 Repeller™ is an invisible, breathable low VOC surface treatment for concrete. Penetrates and chemically bonds, to the pre-treatment of X200 Densi Proof or X220 Moisture Fix, providing water repellence and oil resistance. Dries to a clear invisible no build, breathable finish.

Features and Benefits

- Repels water and resists oils
- Improves surface slip ratings
- Preserves original appearance- no glossy build up
- Enhances traction quality
- More stain resistant surface
- Easier snow/ice removal
- Retards/Eliminates efflorescence
- Highly resistant to alkali attack and rain erosion
- 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

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

Recommended Substrate Conditions & Preparation

Freshly Placed Concrete:	5 m ² per litre.
Existing Concrete:	5 m ² per litre

(Test a small area to establish suitable spread rate).

Important Notes:

1. Wax, paint, curing compounds or a burnished surface restricting access to concrete's interior must be chemically or mechanically removed for **Oxtek X300 Repeller™** to penetrate the surface 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. We recommend some small tests to establish actual spread rate.
3. Do not apply on frozen substrate or when temperature is below 3°C and getting colder or above 34°C.
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 scrub and clean.
6. **Oxtek 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.giltedge.co.nz



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Application Guide

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- **To be used in conjunction with either X220 Moisture Fix or X200 Densi-Proof on concrete**
- 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 and material for suitability.
- Apply X300 Repeller with a soft broom, or a non-atomising pump sprayer.
- Apply evenly at **5m² 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 and 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. Powerwash, scrub or abrade concrete previously treated with X200 or X220 to remove purged lime or calcium.
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. Excellent for sandstone.
7. Do not apply in full sun exposure or to hot surfaces exceeding 34°C
8. Incidental skin contact should not be hazardous, however ingestion or eye contact is to be avoided.
9. For more information read Material Safety Data Sheet available at **www.giltedge.co.nz**

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



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