



Protect Crete X300 Repeller™

BPIR Declaration: Version: PCX300 BPIR V1 27112023

Designated building product: Class 1

Declaration:

Gilt Edge Industries has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

Product Name	Protect Crete X300 Repeller™
Product Line	Colloidal Silicate Treatments for Concrete
Product Identifier	PCX300

Description:

X300 Repeller™ is an invisible, surface protection treatment for concrete, masonry, and some natural stone substrates. A water-based formulation spray applied to new and existing substrates providing stain resistance from oils and other contaminants, compatible with line marking paints and other coating products.

A low VOC treatment which penetrates concrete and chemically bonds to the silica, providing temporary hydrophobic repellence. Dries to a clear invisible non- film forming, breathable finish.

Scope of use:

1. Concrete masonry and some natural stone substrates that require water repellence and stain resistance.

Examples for areas of use are as follows: Internal or external exposed concrete and masonry surfaces, including polished and decorative concretes, and some natural stones such as limestone, sandstone, and travertine.

Conditions of use:

X300 Repeller™ must be applied as per the most recently published Technical Data Sheet (TDS) where well documented procedures in both surface preparation and application are located.

Coverage Rates: Concrete and Masonry - 5m² to 8m² per Litre

Natural Stone - 5m² per Litre

**Important Notes:**

1. Wax, paint, curing compounds restricting access to substrates interior must be chemically or mechanically removed for X300 Repeller™ to penetrate the substrate.
2. Areas of high porosity have a faster penetration rate. These areas that appear to penetrate immediately after spraying will require additional product. Re-application requires to be wet on wet, as when the product dries on the substrate surface the application will repel itself.
3. Do not apply on a frozen substrate or on a falling substrate temperature of below 3°C. Call for advice if applying during colder periods.
4. Do not apply on a substrate surface of 34°C or above. On hot days, the application of X300 Repeller™ should take place in early morning or in the cool of the evening, out of direct sunlight.
5. Do NOT apply if rain is forecast within 24 hours.
6. X300 Repeller™ may etch glass/tiles 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. Incidental skin contact should not be hazardous, but ingestion or eye contact should be avoided. It is recommended to wear gloves, eye protection and a painter's face mask during application.
8. Concrete being treated must be fit for purpose for the intended function of X300 Repeller™ Structural cracks, active cracks, and faulty control and cold joints will not be repaired with X300 Repeller™ application.

Storage and Handling procedures: please refer to the most recently published MSDS.

Relevant building code clauses:**Contributions to compliance:**

1. Building Regulations 1992 - Clause B2-Durability. X300 Repeller™, with only normal maintenance, will continue to satisfy the performance requirements of Building Regulations for 15 years.

Supporting documentation:

The following additional documentation supports the above statements:

Title (Type)	Version	URL
X300 Repeller™ Technical Data Sheet	TDS 300 – V6 1- APR-23	https://giltedge.co.nz/download/tds-pcx300-repeller
X300 Repeller™™ Material Safety Data Sheet	MSDS July 2021	https://giltedge.co.nz/download/msds-pcx300-repeller
Protect Crete Colloidal Silicate Technology – Product Performance	Nov 2023	https://giltedge.co.nz/download/product-performance-document?wpdmdl=11955&refresh=65760872b3b4f1702234226



X300 Repeller™ VOC Certificate	12-09- 2023	https://giltedge.co.nz/download/voc-pcx300-repeller
Protect Crete HACCP Certificate	PE-675- PC-1-06	https://giltedge.co.nz/download/protect-crete-haccp-certificate

For further information supporting X300 Repeller™ claims refer to the manufacturer's website.

www.oxtek.com.au

Contact details:

Manufacture location:	Overseas
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Legal and trading name of importer:	Gilt Edge Industries
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Importer NZBN:	9429031908689
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Importer phone number:	0800445833

Warnings and Bans

Is the building product/building product line subject to warning or ban under s26 of the Building Act 2004?

NO

Appendix