



## Protect Crete X260 Medi-Vet™

**BPIR Declaration: Version:** PCX260 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.

|                           |   |
|---------------------------|---|
| <b>Product Name</b>       | Protect Crete X200 Densi-Proof™                                       |
| <b>Product Line</b>       | Colloidal Silicate Treatments for Concrete with Antimicrobial Formula |
| <b>Product Identifier</b> | PCX260  |

### Description:

X260 Medi-Vet™ a single pack one application spray on system that deeply penetrates new or existing concrete, provides curing, permanent waterproofing. With PROVEN TESTED safe silver ion antimicrobial additive X260 Medi-Vet™ will protect concrete from E coli & MRSA. The application of X260 Medi-Vet™ at time of the concrete pour will cure concrete to provide the hardened properties equivalent to that of water pond curing, permanently waterproof concrete from any direction, making the concrete impermeable and increasing its longevity whilst providing a penetrative moisture barrier system for impervious coatings and coverings.

Adopting the use of X260 Medi-Vet™ at time of the concrete pour as an effective curing regime, will significantly reduce the incidence of dry shrinkage cracking, providing a hardened, denser and dust proof concrete, compatible with subsequent flooring or coating applications.

### Scope of use:

1. Effective curing regime for freshly placed concrete.
2. Surface Hardner, Densifier and Dust Proofing treatment for concrete.
3. Internal Moisture barrier for concrete prior to application of topical coatings or floor coverings.
4. Durability and waterproofing treatments for concrete structures.
5. Permanent antimicrobial protection for concrete elements.

Examples for areas of use are as follows: Hospitals, aged care facilities, schools, hospitality, food preparation, dairy farms, animal enclosures, and concrete prior to application of topical coatings or coverings.

**Conditions of use:**

X260 Medi-Vet™ 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: 5m<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 X260 Medi-Vet® to penetrate the substrate.
2. To test for adequate porosity, apply droplets of water on the concrete surface, if the droplets do not penetrate the concrete within 2 minutes, then X260 Medi-Vet® will not function as intended and may be ineffective.
3. Areas of high porosity have a faster penetration rate. These areas appear dry immediately after spraying and will require additional product.
4. 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.
5. Do NOT apply if rain is forecast within 3 hours.
6. Concrete being treated must be fit for purpose for the intended function of X260 Medi-Vet®. Structural cracks, active cracks, and faulty control and cold joints will not be repaired with a X260 Medi-Vet® application.
7. Before applying any paint, adhesives, or any other coatings, wait a minimum of 24 hours after application with X260 Medi-Vet® (see Overcoat Timelines). Pressure wash or sand and clean, then check visually to be satisfied purging has completed (if required a second or subsequent coats may be necessary). For further help and advice call our office.
8. Concrete being treated must be fit for purpose for the intended function of X260 Medi-Vet®. Structural cracks, active cracks, and faulty control and cold joints will not be repaired with a X260 Medi-Vet® application.
9. X260 Medi-Vet® 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.
10. We recommend the wearing of eye protection, gloves, and a painter's face mask during 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 B1 - Structure - Clause B1.3.3 Section e) water and other liquids.
2. Building Regulations 1992 - Clause B2-Durability. X260 Medi-Vet™, with only normal maintenance, will continue to satisfy the performance requirements of Building Regulations for 15 years.
3. Building Regulations 1992 - Clause E2- External Moisture Clause E 2.3.3. and Clause E 2.3.4.
4. X260 Medi-Vet™ when applied as per the guidelines documented with the Technical Data Sheet will assist in preventing the ingress of water, other liquids and contaminants into the



concrete matrix for the intended life of structure (see link to Colloidal Silicate - Summary of Performance Test Results).

5. X260 Medi-Vet™ conforms to the moisture suppressant requirements as per NZAS1884-2013.
6. X260 Medi-Vet™ -achieves the curing of concrete requirements of NZS 3109:1997 & NZS 3101:part 1 2006.

The anti-microbial performance of X260 Medi-Vet® is confirmed by independent laboratory testing to the international standards (JIS and ISO) and is proven to be 99.99% effective against MRSA and E. coli (test reports available on request). With the combination of an anti-microbial additive X260 Medi-Vet® creates a permanent barrier against the growth of bacteria, biofilm, and moulds.

#### Supporting documentation:

The following additional documentation supports the above statements:

| Title (Type)  | Version               | URL   |
|---|-----------------------|---|
| X260 Medi-Vet™ Technical Data Sheet                               | TDS 260 – V7 1-APR-23 | <a href="https://giltedge.co.nz/download/tds-pcx260-medi-vet-steri-touch">https://giltedge.co.nz/download/tds-pcx260-medi-vet-steri-touch</a>   |
| X260 Medi-Vet™ Material Safety Data Sheet                         | MSDS June 2021        | <a href="https://giltedge.co.nz/download/msds-pcx260-medi-vet-steri-touch">https://giltedge.co.nz/download/msds-pcx260-medi-vet-steri-touch</a>   |
| Protect Crete Colloidal Silicate Technology – Product Performance | Nov 2023              | <a href="https://giltedge.co.nz/download/product-performance-document?wpdmdl=11955&amp;refresh=65760872b3b4f1702234226">https://giltedge.co.nz/download/product-performance-document?wpdmdl=11955&amp;refresh=65760872b3b4f1702234226</a> |
| X260 Medi-Vet™ VOC Certificate                                    | 12-09-2023            | <a href="https://giltedge.co.nz/download/voc-pcx260-medi-vet-steri-touch">https://giltedge.co.nz/download/voc-pcx260-medi-vet-steri-touch</a>   |
| X260 Medi-Vet™ Pre-Warranty and Specification                     | Version 1: 14/09/2021 | <a href="https://giltedge.co.nz/download/pre-warranty-specification">https://giltedge.co.nz/download/pre-warranty-specification</a>   |
| Protect Crete HACCP Certificate                                   | PE-675-PC-1-06        | <a href="https://giltedge.co.nz/download/protect-crete-haccp-certificate">https://giltedge.co.nz/download/protect-crete-haccp-certificate</a>   |

For further information supporting X260 Medi-Vet™ claims refer to the manufacturer's website.  
[www.oxtek.com.au](http://www.oxtek.com.au)

**Contact details:**

|   |  |
|---|--|
| Manufacturer location:                  | Overseas   |
| Legal and trading name of manufacturer: | Oxtek Solutions Pty-Ltd                                      |
| Legal and trading name of importer:     | Gilt Edge Industries   |
| Importer address for service:           | 110 Antigua Street, Addington,<br>Christchurch 8240          |
| Importer website:                       | <a href="http://www.giltedge.co.nz">www.giltedge.co.nz</a>   |
| Importer NZBN:                          | 9429031908689  |
| Importer email:                         | <a href="mailto:help@giltedge.co.nz">help@giltedge.co.nz</a> |
| 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**