



Oxtek Solutions Pty Ltd

Complete Concrete Protection

Australian owned, manufacturing company of the worlds most technically advanced systems for permanent concrete protection

JUNE 2023

DISTRIBUTED IN NZ BY



Introduction

- Oxtek Solutions Pty Ltd / Protect Crete are specialists in Concrete Protection
- Est 1998 Australian Owned company & Manufactured
- Supply Australia, New Zealand & Asia
- Oxtek range is environmentally friendly LOW VOC
- All products can be applied to concrete of any age
- Single component application
- Our team has over 100 years of combined experience in the Concrete, Coatings & the Flooring industry
- We recommend on site assistance and offer training FOC
- Warranties of up to 15 years, supported by project specification and robust QC & QA procedures
- www.oxtek.com.au



X200 Densi-Proof™

- Cures, densifies, hardens and waterproofs concrete
- Ideally applied as a cure at time of pour by spray
- Can be applied to existing if clean and porous
- Will purge contamination if present in existing concrete
- Doesn't form a membrane - After trade friendly (Epoxy, Adhesives, Screeds, Levelling Compounds)
- Colloidal Silicate – fills all capillaries and voids created by the bleed water.
- Reduces Shrinkage Cracking, Efflorescence & Reo Corrosion
- System included in **AS1884-2021** Floor Coverings-Resilient Sheet & Tiles – Installation Practises
- Environmentally friendly & HACCP certified - Low Odour – LOW VOC
- Warranties of up to 15 years, supported by project specification and robust QC & QA procedures



Permanent Protection

The permanent gel “completes” the concrete's matrix stopping elements such as water, salts, oils etc from moving through the concrete.

Reinforcing Deterioration



Adhesive Failure & Delamination of Screed



Efflorescing



Mould & Mildew Bacteria's



X230 Densi-Proof™ Repeller

- Cures, Waterproofs, Hardens, Densifies concrete
- Protection from contamination from the surface of the concrete
- Hydrophobic beading effect (temporary)
- Significant retardation of efflorescence
- Compatible with line marking paint and epoxies
- Applied to new and existing concrete substrates.
- Environmentally Friendly & HACCP Certified - Low Odour – LOW VOC
- Warranties of up to 15 years, supported by project specification and robust QC & QA procedures



X280 Densi-Proof™ REO Protect

- Designed for high corrosion areas – Jetty's, Bridges, Sea Walls
- Cures, Densifies, Hardens and Waterproofs concrete
- Ideally applied as a cure at time of pour by spray
- Can be applied to existing if clean and porous
- Will purge contamination from existing concrete
- Prevents or greatly retards any existing or future corrosion
- Enhances surface traction quality
- Increases acid/chemical resistance
- Warranties of up to 15 years, supported by project specification and robust QC & QA procedures



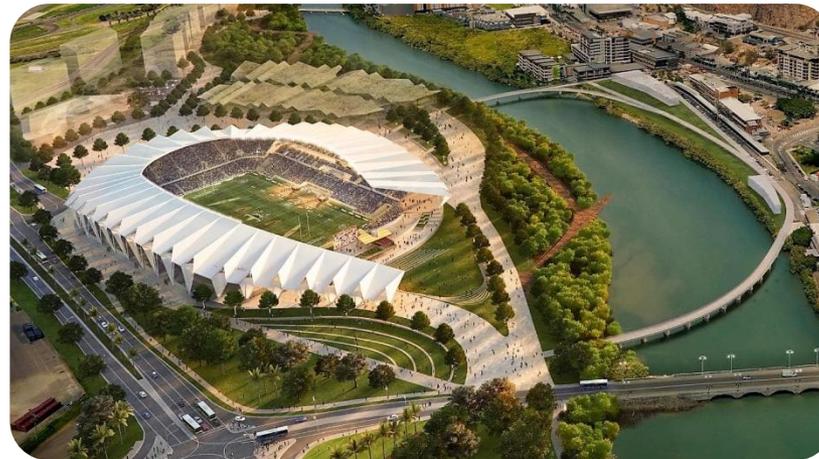
X220 Moisture-Fix®

- Densifies, Hardens and Waterproofs concrete
- Designed for existing projects with high moisture content
- Can be applied as a cure at time of pour by spray
- Can be applied to existing concrete if clean and porous
- Doesn't form a membrane - After trade friendly (Epoxy, Adhesives, Levelling Compounds)
- System included in **AS1884-2021** Floor Coverings-Resilient Sheet & Tiles – Installation Practises
- Environmentally Friendly & HACCP Certified - Low Odour – LOW VOC
- Warranties of up to 15 years, supported by project specification and robust QC & QA procedures



X100 Green Concrete Cure & Hardener

- Curing Compound only
- Cures equal to water ponding
- To be used if no moisture barrier is required – Low Cost Cure Regime
- After trade friendly – no preparation required if coating
- Environmentally Friendly & HACCP Certified
- Low Odour – LOW VOC



X300 Repeller

- Single application
- Preserves original appearance
- Hydrophobic beading effect (temporary)
- Will not darken or yellow – Invisible finish
- Reduces staining
- Improves Fungus & Mildew Resistance
- UV Resistant
- Environmentally Friendly & HACCP Certified - No Odour – LOW VOC
- Product can be used in conjunction with either X220, X260, X200 Densi-Proof or alone on Sandstone , travertine & Limestone (small trial area advised before liberal application)



X550 Carpark Warehouse

- Cures, Hardens, Densifies concrete
- Hydrophobic beading effect (temporary)
- Ideally applied as a cure at time of pour by spray
- Can be applied to existing if clean
- Reduces Tyre Noise , Tyre marks & Dust
- No mechanical preparation required when Line Marking or painting
- UV Resistant & Retards Efflorescence
- Resists Oil Staining & Alkali Attack
- Environmentally Friendly & HACCP Certified - No Odour – >1g/l VOC



X-20 Coolroom & Freezer

- Cures if applied at time of pour
- Hardens & densifies
- Permanently waterproofs concrete from any direction
- Retards efflorescence
- Resists Freeze thaw damage
- Environmentally Friendly & HACCP Certified - No Odour – LOW VOC
- Stabilises PH
- Repels contamination from the surface of the concrete
- Hydrophobic beading effect (temporary)
- Preserves original appearance
- Enhances traction quality
- Stain Resistance
- Easier ice/snow removal
- Highly resistant to alkali attack
- Improves fungi's/mildew resistance
- UV resistant
- Warranties of up to 15 years, supported by project specification and robust QC & QA procedures



X260 Medi-Vet with Antimicrobial

- Protection from bacteria - Proven control of E.coli and Staphylococcus aureu – MRSA
- Makes concrete impermeable, increasing longevity.
- Cures, Densifies, Hardens and Waterproofs concrete up to 200mm
- Ideally applied as a cure at time of pour by spray but can be applied to existing clean porous concrete
- Acts as an internal moisture barrier for Floor coverings and Topical Coatings
- Application of Vinyl & Topical Coatings 2 weeks after pour
- System included AS1884-2021 Floor Coverings-Resilient Sheet & Tiles – Installation Practises
- Environmentally Friendly & HACCP Certified - Low Odour – LOW VOC
- Warranties of up to 15 years, supported by project specification and robust QC & QA procedures
- Increases tensile & compressive strength.
- Reduces efflorescence & Shrinkage cracking



POLYGIENE BIOMASTER™



X263 Medi-Vet Repeller with Antimicrobial

- Protection from bacteria - Proven control of E.coli and Staphylococcus aureu – MRSA
- Makes concrete impermeable, increasing longevity.
- Cures, Densifies, Hardens and Waterproofs up to 200mm
- Ideally applied as a cure at time of pour by spray but can be applied to existing clean porous concrete
- Surface protection and ease of cleaning.
- Hydrophobic beading effect (temporary)
- Invisible and does not change slip rating
- Environmentally Friendly & HACCP Certified - Low Odour – 9g/l VOC
- Warranties of up to 15 years, supported by project specification and robust QC & QA procedures
- Increases tensile & compressive strength.
- Retards efflorescence & Shrinkage cracking



POLYGIENE BIOMASTER™



X310 Repeller PLUS + POLYGIENE BIOMASTER™

- Protection from bacteria - Proven control of E.coli and Staphylococcus aureu – MRSA
- Single application permanent anti-bacterial surface protection
- Preserves original appearance
- Will not darken or yellow – Invisible finish – Does not change the slip rating
- Environmentally Friendly & HACCP Certified - Low Odour – LOW VOC
- Improves Fungus & Mildew Resistance
- UV Resistant
- Highly resistant to alkali attack
- Surface protection and ease of cleaning
- Hydrophobic beading effect (temporary)
- Product can be used in conjunction with either X220 ,X200, X260 or alone on Sandstone , travertine & Limestone (small trial area advised before liberal application)





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