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Permanent Concrete Protection

www.oxtek.com.au

INTRODUCTION

Oxtek Solutions technology was established in 1998 and provides unrivalled concrete protection in the commercial and residential market. An Australian owned manufacturing company with a team of experts comprising 100+ years of experience in the concrete, coatings, flooring industries - our mission is to provide 'solutions that won't cost the earth'. Based in Melbourne - we supply Australia, New Zealand and Asia.

The construction industry faces a number of challenges in response to new social and environmental pressures. The current market also demands cost efficiency and rapid execution.

Oxtek Solutions unique and environmentally safe technology not only cures, waterproofs, repels contamination, hardens, densifies and protects the concrete but allows for the easy application of topical coatings. Topical applications such as vinyl, timber and other floor coverings, line marking paint, epoxies, sealers can be applied in record time, resulting in significant cost savings.

All products are low VOC and user friendly with a range that are HACCP approved.

At Oxtek Solutions we have the expertise and experience to help consult on the performance requirements of your next project or to assist an existing project achieve the desired budgetary constraints in both time and cost.

Call to arrange face-to-face technical assistance and advice anywhere in Australia or New Zealand. All warranties are project specific and registered with a specification number.

Contact us:

Phone: 1300 698 351

Email: reception@oxtek.com.au

Address: 3/168-174 Atlantic Drive, Keysborough VIC 3173

Address: 1/49 The Boulevard, Toronto NSW 2283

Product Benefits	X200 Densi-Proof	X220 Moisture Fix	X280 Densi-Proof Reo-Protect	X230 Densi-Proof Repeller	X100 Green Cure	X300 Repeller Available with BIO- MASTER Additive	X-20 Coolroom & Freezer	X260 Medi-Vet	X263 Medi-Vet Repeller	X550 Carpark Warehouse
Protects embedded reinforcing steel	P	P	P	P	N/A	N/A	P	P	P	N/A
Rejuvenates concrete capillary and pore structure	P	P	P	P	N/A	N/A	P	P	P	N/A
Waterproofs existing concrete	P	P	P	P	N/A	N/A	P	P	P	N/A
Waterproofs concrete from time of placement	P	P	P	P	N/A	N/A	P	P	P	N/A
Accepts all coatings and coverings	P	P	P	S	P	N/A	P	P	N/A	S
Superior cure at time of placement	P	P	P	P	P	N/A	P	P	P	P
Enhances chemical and environmental attack resistance	P	P	P	P	N/A	N/A	P	P	P	N/A
Reduces shrinkage cracking and slab curl	P	P	P	P	P	N/A	P	P	P	S
Permanent protection	P	P	P	P	N/A	N/A	P	P	P	N/A
Access treated areas in 1 hour	P	P	P	P	P	P	P	P	P	P
Minimises scaling and spalling	P	P	P	P	S	N/A	P	P	P	N/A
Increases durability	P	P	P	P	S	S	P	P	P	S
Minimises mould and mildew	P	P	P	P	N/A	S	P	P	P	S
Saves time and money	P	P	P	P	P	P	P	P	P	P
Non-flammable	P	P	P	P	P	P	P	P	P	S
Low VOC	P	P	P	P	P	P	P	P	P	S
Safe and easy to apply	P	P	P	P	P	P	P	P	P	S
Leaves mechanical key for coatings	P	P	P	S	P	S	P	P	N/A	S
Controls bacteria growth	N/A	N/A	N/A	N/A	N/A	S	P	P	P	N/A
Resists freeze thaw damage	N/A	N/A	N/A	N/A	N/A	N/A	P	N/A	N/A	N/A

P = Primary Benefit

S = Secondary Benefit

N/A = Not Applicable

POLYGIENE BIOMASTER™



X260 MEDI-VET® (ANTIMICROBIAL)



- Protection from bacteria - Proven control of E.coli and Staphylococcus aureu – MRSA.
- Makes concrete impermeable, increasing longevity.
- Cures, densifies and hardens.
- 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 and topical coatings 2 weeks after pour.
- System included AS1884-2021 Floor Coverings-Resilient Sheet and Tiles – Installation Practises.
- Environmentally friendly, HACCP Certified - low odour - low VOC.
- Increases tensile and compressive strength.
- Reduces efflorescence and shrinkage cracking.
- Warranties of up to 15 years, supported by project specification and robust QC and QA procedures.

Typical applications: hospitals, aged care facilities, animal enclosures, schools, changing rooms, veterinary clinics, breweries, restaurants, canteens and food preparation.



X263 MEDI-VET REPELLER® (ANTIMICROBIAL)

- Protection from bacteria - proven control of E.coli and Staphylococcus aureu – MRSA.
- Makes concrete impermeable, increasing longevity.
- Cures, densifies and hardens.
- 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 against acids, oils, water-based stains, chemicals, body fluids, wine, grease and many more.
- Hydrophobic beading effect (temporary).
- Invisible and does not change slip rating.
- Environmentally Friendly, HACCP Certified - low odour - low VOC.
- Increases tensile and compressive strength.
- Retards efflorescence and shrinkage cracking.
- Warranties of up to 15 years, supported by project specification and robust QC and QA procedures

Typical applications: hospitals, aged care facilities, animal enclosures, schools, changing rooms, veterinary clinics, breweries, restaurants, canteens and food preparation.



X550 CARPARK WAREHOUSE™



- Cures, hardens, densifies and seals the surface of the concrete.
- Environmentally friendly, HACCP Certified, low odour and ideally applied as a cure at time of pour by spray.
- Can be applied to existing concrete if clean and porous.
- Compatible with line marking paint & epoxies (Independently Tested).
- UV resistant and retards efflorescence.
- Hydrophobic beading effect (temporary).

Can be applied to protect the surface of both new and existing concrete. Provides a hard wearing dust proof surface, which reduces tyre noise and tyre marks, and will improve surface resistance from oil spills and other contaminants.

Typical applications: car parks, footpaths, warehouses, driveways, garages, transport depots and any concrete elements.





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 and 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 and QA procedures.

A single pack one application spray on system that deeply penetrates new or old concrete providing an effective, warranted moisture barrier subject to terms and conditions. X200 Densi-Proof can eliminate the risk of the inherent moisture in the concrete from transferring through to the concrete surface. X200 Densi-Proof will also stabilise the surface pH of the concrete. By using X200 Densi-Proof at time of pour as a curing compound, it will provide significant time and cost savings for any size project.

Typical applications: basements, roof tops, swimming pools, roads, concrete prior to application of topical coatings and coverings.



X280 Densi-Proof REO PROTECT™



- Designed for high corrosion areas - jettys, bridges and 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.
- Significantly retards any existing or future corrosion.
- Enhances surface traction quality.
- Environmentally friendly and low odour - low VOC.
- Increases acid/chemical resistance.
- Warranties of up to 15 years, supported by project specification and robust QC and QA procedures.

A single pack single application spray on system that deeply penetrates new or old concrete, provides curing, permanent waterproofing and long term protection of the embedded steel reinforcement from the mechanisms that accelerate the corrosion process.

Typical applications: bridges, wharfs, marine walls, culverts and tunnels.





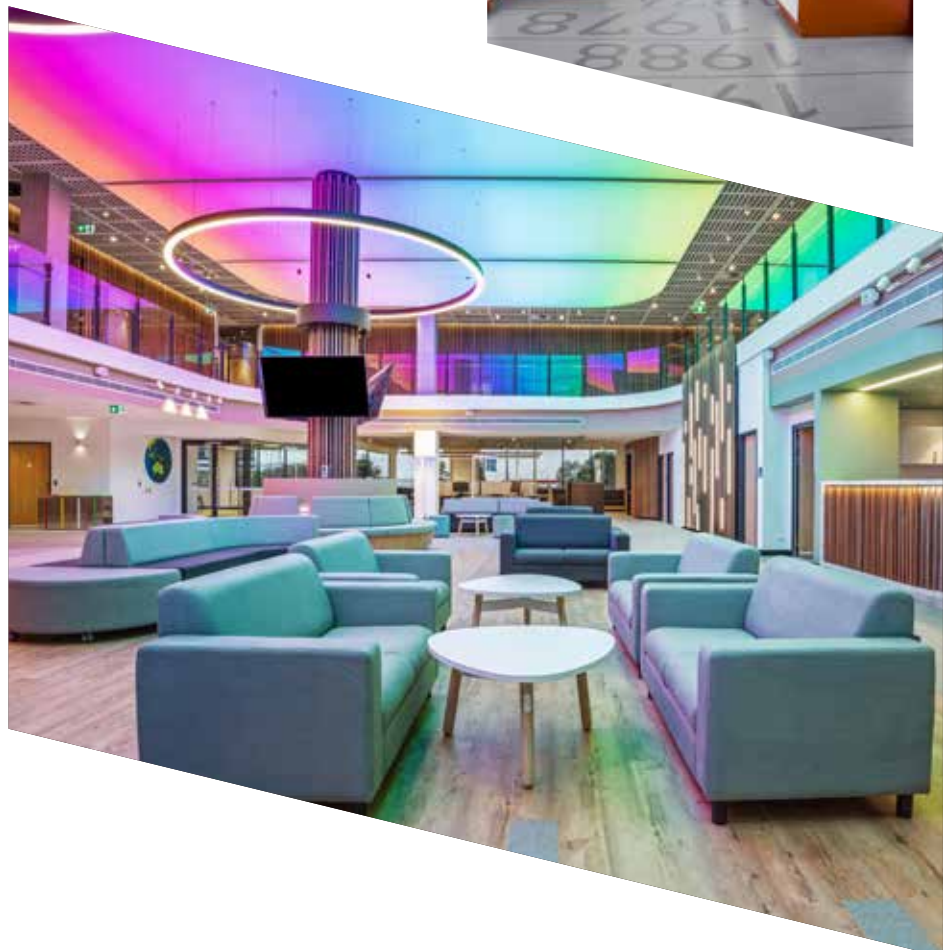
X220 MOISTURE FIX®

- Densifies, hardens and waterproofs concrete.
- Designed for existing projects with high moisture content.
- Can be applied by pour and broom/spread on existing concrete.
- Can be applied to existing concrete if clean and porous.
- Doesn't form a membrane - after trade friendly.
- 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 and QA procedures.



A single pack one application spray on system designed for existing projects with high moisture content. Providing improvements to both compressive and tensile strength of the concrete to which it's applied with significant reduction in the formation of shrinkage cracks. This penetrative moisture barrier system reduces the extent of mechanical preparation of the substrate prior to the installation of any coating or flooring systems. Existing concrete substrates can commence with topically applied flooring or coating installation 24hrs post treatment or after 14 days if applied at time of concrete placement.

Typical applications: existing concrete, areas to receive topical coatings and coverings.





X230 Densi-Proof Repeller™

- Cures, waterproofs, hardens and densifies concrete.
- Surface protection from contamination.
- 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 and QA procedures.

Is a single pack one application spray on system that deeply penetrates new or existing concrete, provides curing, permanent waterproofing and protection. The added X300 Repeller provides surface protection and ease of cleaning against oils, water based stains, chemicals, body fluids, wine, grease and others.

Typical applications: exposed concrete walls and floors, car parks, rooftops, breweries, wineries, restaurants, outdoor eating areas and walkways.



X300 REPELLER™ X310 REPELLER PLUS + WITH ANTIMICROBIAL

- Single application.
- Preserves original appearance.
- Hydrophobic beading effect (temporary).
- Will not darken or yellow – invisible finish.
- Reduces staining.
- Improves fungus and mildew resistance.
- UV resistant.
- Environmentally friendly, HACCP Certified - no odour - low VOC.
- Product can be used in conjunction with either X220 Moisture Fix X260 Medi-Vet or X200 Densi-Proof.
- Suitable for some natural stones such as limestone, sandstone and travertine (small trial area should always be undertaken prior to liberal application).

Typical applications: exposed concrete walls and floors, polished concrete.

POLYGIENE BIOMASTER™





X-20 COOLROOM AND FREEZER

- Cures, waterproofs, hardens, densifies and seals the surface of the concrete.
- Protect the substrate from contamination.
- Resists freeze thaw damage.
- Enhances traction quality.
- Easier ice and snow removal.
- UV resistant and retards efflorescence.
- Environmentally friendly, HACCP Certified - no odour - low VOC.
- Resists oil staining and alkali attack.
- Permanent protection from bacteria - proven control of E.coli and Staphylococcus aureu – MRSA.

A single pack one application spray on system that deeply penetrates new or old concrete. X-20 Coolroom and Freezer penetrates deeply into the concrete matrix permanently waterproofing the concrete and providing long term protection from contamination ingress. X-20 Coolroom and Freezer is also used as a penetrating sealer, creating an impervious finish.

Typical applications: cold rooms and freezers.

X100 GREEN CURE AND HARDENER

- Curing compound only.
- Cures concrete equal to water ponding.
- To be used if no moisture barrier is required. A low cost cure regime.
- After trade friendly.
- Environmentally friendly.
- Low odour - low VOC.

Non membrane forming silicate proprietary solution that provides an exceptional cure regime equal to water curing. There is no requirement to mechanically remove the product from the surface as it penetrates into the concrete.

Typical applications: any concrete elements at time of pour.



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