



A range of ultra fast curing, hard-wearing methyl methacrylate resin floor coatings for industrial and commercial environments.

FAST TRACK RESIN FLOORING SOLUTIONS



Application Suitability



Education



Government & Defence



Healthcare



Mining



Public Spaces



Car Parks



Stadia



Transport & Infrastructure

System Components

	DESCRIPTION	USES
Flowfast 108 Damp Primer	Flowfast 108 Damp Primer is a low viscosity, violet blue, 2 component reactive resin based on methyl methacrylate (MMA).	Flowfast 108 Damp Primer will bond to new and old concrete that has a relative humidity up to 97% (to BS8203, surface dry) Flowfast 108 Damp Primer is used as a special prime coat for damp concrete and screeds substrates, prior to overcoating with MMA resin floor products. We strongly recommend with all Flowfast primers that curing and adhesion tests are conducted on substrate prior to general use on site.
Flowfast 101 Standard Primer	Flowfast 101 Standard Primer is a low viscosity, colourless, 2 component reactive resin based on methyl methacrylate (MMA) designed for concrete substrates.	Flowfast 101 Standard Primer is used as a general prime coat for Flowfast or Deckshield Rapide floor coatings.
Flowfast 215 Flexible Binder	Flowfast 215 Flexible Binder is a polyurethane modified resin based on acrylic monomers and polymers.	Flowfast 215 Flexible Binder is an elastified resin binder intended for the formulation of flexible membranes and flexible, wear resistant coatings exposed to sub-zero temperatures. It is mainly used for Flexible floor coverings especially if exposed to low temperatures or as a wearing layer for applications exposed to heavy mechanical loadings.
Flowfast 319 Flexible Sealer	Flowfast 319 Flexible Seal is a medium viscosity, UV-resistant, blue-violet (can be supplied unpigmented or clear), 2 component reactive resin based on methyl methacrylate (MMA). After polymerisation the blue-violet colouring is no longer visible.	Flowfast 319 Flexible Seal is intended to be used as a surface sealer for Flowfast and Deckshield Rapide floor coatings where the floor is subjected to water loadings, e.g. in the food industry. The good flexibility and high UV resistance make Flowfast 319 Flexible Seal also an ideal sealcoat for outdoor applications.
Flowfast 230 Membrane LM	Flowfast 230 Membrane LM is a medium viscosity, urethanemodified, pre-reacted, 100 % solid membrane system based on acrylic monomers for the application of waterproofing membranes.	Flowfast 230 Membrane LM is used as a waterproofing membrane in Deckshield Rapide car park deck systems. Flowfast 230 Membrane designed as a simple to apply, highly elastomeric liquid waterproofing membrane and coating. The cured product is a very flexible crackbridging membrane that retains its flexibility and crack-bridging performance in service even at very low temperature.
Non Slip Aggregate	A range of aggregates ranging from Quartz Silica, Aluminum Oxide and Bauxite.	Used as the aggregate within the system to meet the non slip requirements, per regional standards.
Flowfast Catalyst	A free-flowing peroxide formulation on a phthalate-free carrier.	Used to initiate polymerisation (cure) of Flowfast methyl methacrylate based resins.

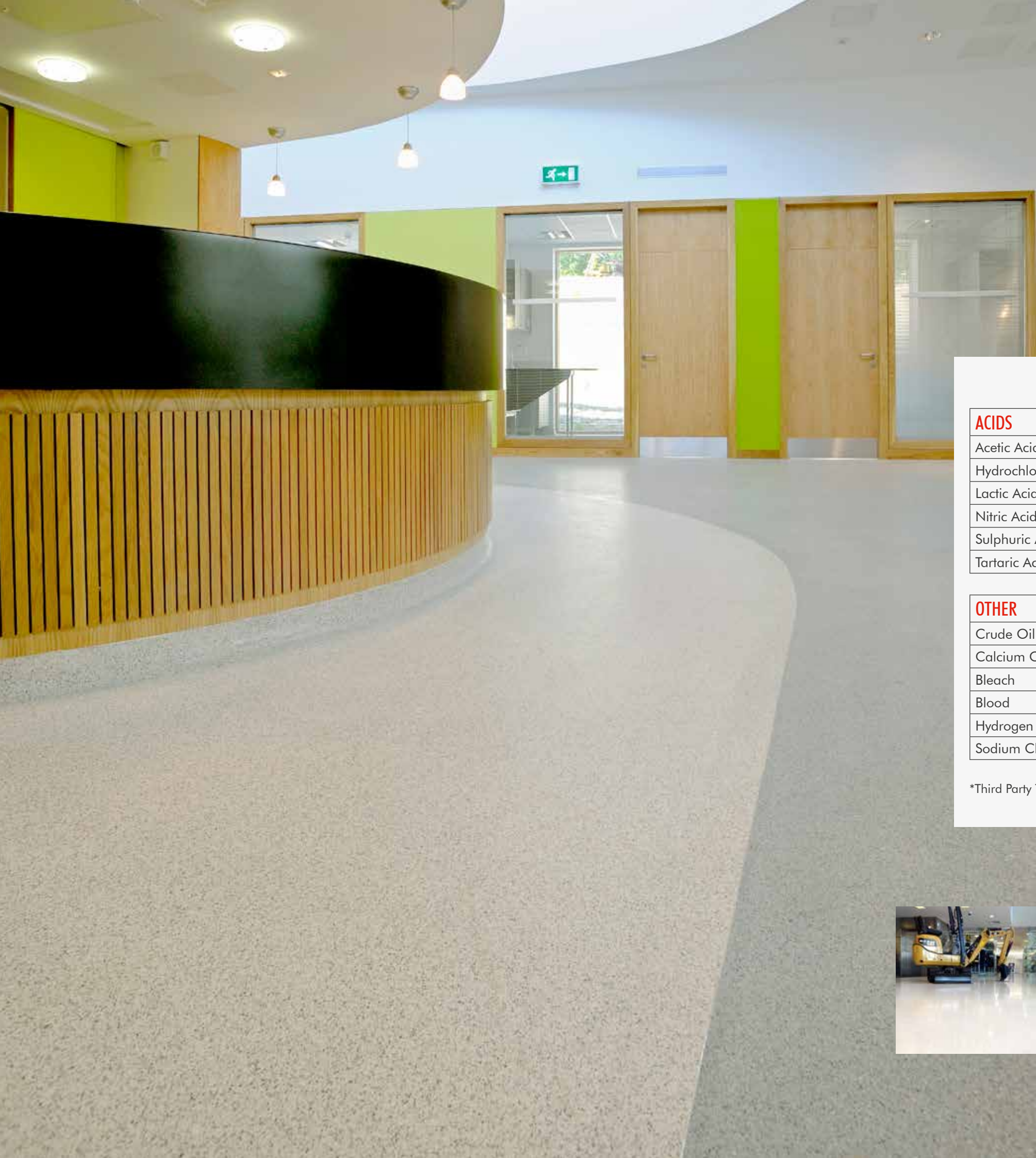
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Flowcrete’s speediest flooring solution delivers unrivalled installation and cure times as well as an eye-catching finish.

Offering chemical, wear and slip resistance, Flowfast is also a popular choice with the food processing, mechanical, chemical and electronic goods industries where it’s seamless, durable finish offers an excellent platform for heavy industry.

Available in a creative mix of colours and finishes, Flowfast is well-suited to the commercial sector, where it has been gaining speed at a number of airports, shopping centres, residential developments, underground rail stations, stadia buildings and arena complexes across the globe.



CHEMICAL RESISTANCE*

ACIDS		ALKALIS		ORGANIC	
Acetic Acid 25%	✓	Caustic Soda	✓	Petroleum	✓
Hydrochloric Acid 37%	✓	Potassium Hydroxide 50%	✓	Formaldehyde 37%	✓
Lactic Acid 90%	✓	Lime Milk	✓	Diesel	✓
Nitric Acid 10%	✓	Sodium Hydroxide 30%	✓	Kerosene	✓
Sulphuric Acid 50%	✓	Ammonia 10%	✓	White Spirit	✓
Tartaric Acid 50%	✓	Aluminum Hydroxide	✓	Turpentine	✓

OTHER				
Crude Oil	✓	Vinegar		✓
Calcium Chloride	✓	Wine		✓
Bleach	✓	Beer		✓
Blood	✓	Ammonia		✓
Hydrogen Peroxide 30%	✓	Mineral Oil		✓
Sodium Chloride	✓	Antifreeze		✓

*Third Party Test Certification available on request.



REMEDIAL

When flooring fails, every second of downtime costs money and disrupts operations. Flooring refurbishment projects require solutions that are going to revitalise the floor finish but which won't incur long periods of problematic and unprofitable down time.

Flowcrete's fast curing methyl methacrylate enhanced Flowfast and Deckshield Rapide ranges are ideal for creating high performance surfaces within a fraction of the time of alternative hard-floor systems – in fact a Flowfast floor can be trafficable in as little as two hours after application!

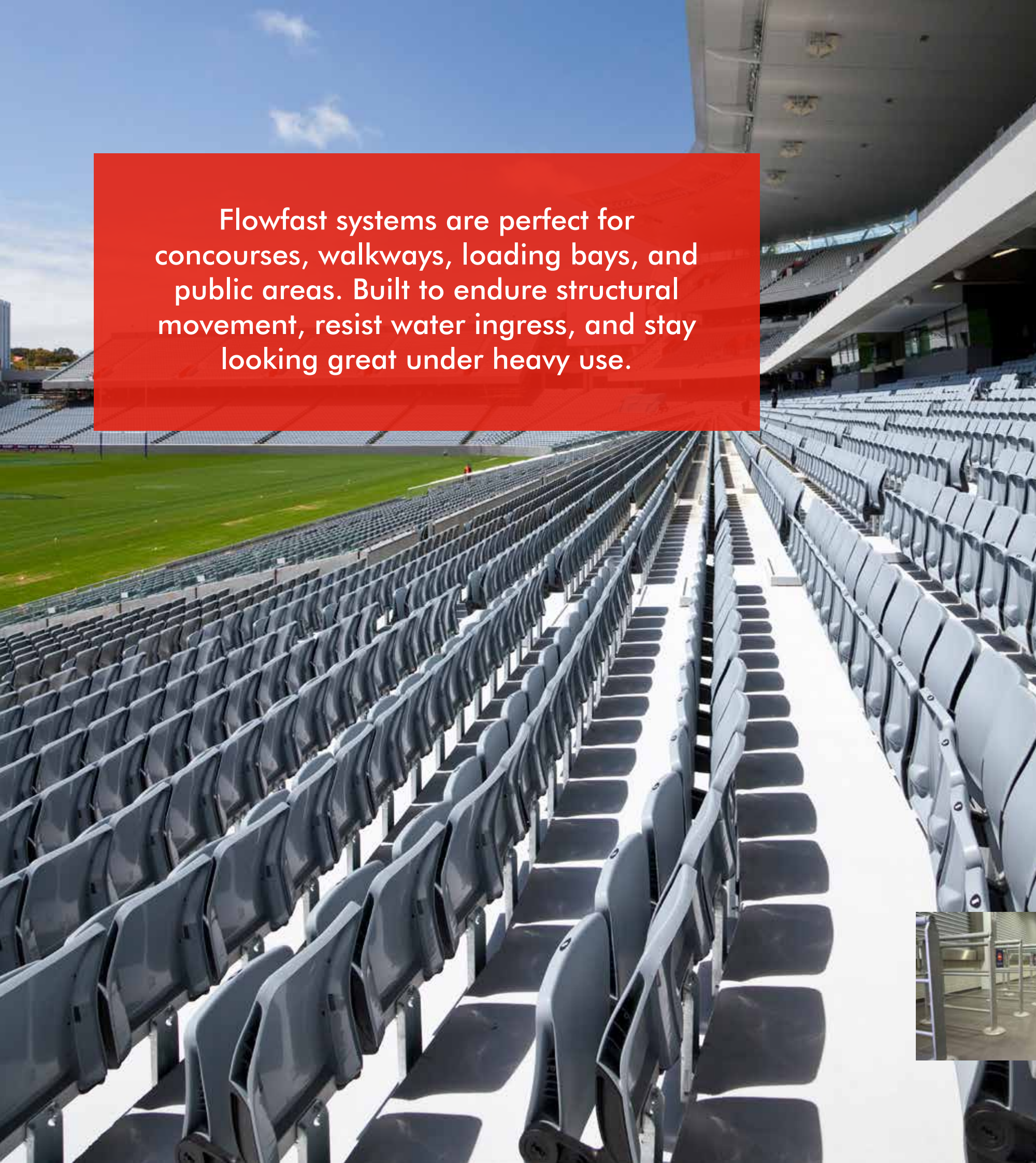
Remedial Solutions

Most standard systems require lengthy preparation, followed by installation, and then a curing period that can last from 24 to 72 hours before the floor can handle heavy traffic. If you add installation time to cure time, you are looking at a multi-day shutdown. The solution to the downtime dilemma lies in Methyl Methacrylate (MMA)

technology, the chemistry behind Flowfast systems. Unlike traditional resins that dry slowly, Flowfast generates a chemical reaction that cures rapidly. Designed specifically to accelerate the construction program. It allows for a full resin flooring installation to be completed and fully cured in a fraction of the time required by other systems.

When you are planning a remedial project, you need certainty. You need to know that the floor will cure on time and perform as promised.





Flowfast systems are perfect for concourses, walkways, loading bays, and public areas. Built to endure structural movement, resist water ingress, and stay looking great under heavy use.

NEW BUILD

Whether you are designing a stadium, commercial venue, or public space, Flowfast solutions offer a unique combination of durability and decorative appeal to meet the demands of high-traffic environments. With our advanced MMA flooring technology, we provide robust, crack-bridging, and fast-curing systems that deliver long-lasting performance and aesthetic versatility.

New Build Solutions

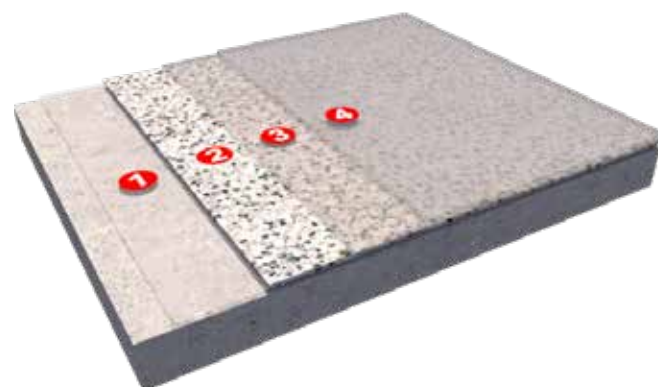
Stadiums, public, and commercial spaces endure heavy foot traffic, wear, and environmental exposure, leading to potential safety issues, premature deterioration, and a loss of visual appeal. These high-demand areas

require durable, reliable flooring solutions to maintain functionality and aesthetics. Flowfast systems are specifically designed to address these challenges head-on. Combining exceptional durability with modern, stylish design.



SYSTEM BUILD UPS

Flowfast Terroso 2-3mm



A seamless, decorative, hard wearing MMA resin floor finish, developed for high traffic commercial environments requiring a new floor finish under a fast turnaround.

- | | |
|--|---|
| 1 Flowfast 101 Standard Primer | 3 Flowfast 319 Flexible Sealer Non Slip Aggregate Broadcast |
| 2 Flowfast 215 Flexible Binder Terroso Flake Broadcast | 4 Flowfast 319 Flexible Sealer |

Typically used in public areas including retail, schools, airports, hospitals and stadiums.



Rapid Curing:

MMA catalyst speeds up cure time, reducing construction schedules.



Versatile:

Can be laid over existing hard surfaces such as tiles or terrazzo.



Aesthetic:

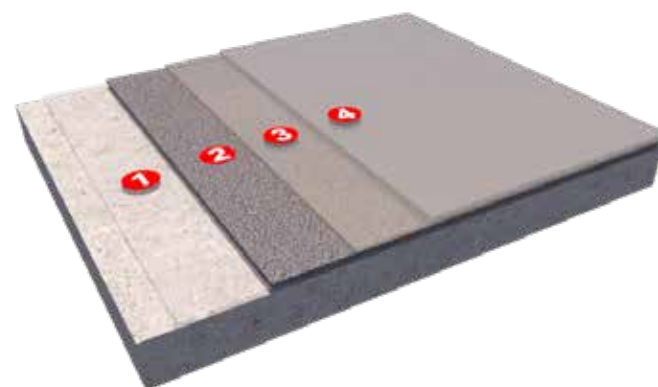
Decorative floor finish that delivers the wow-factor underfoot.



Resistant:

Good resistance to foot and rubber wheeled traffic, scratching and staining.

Flowfast SRQ 2-3mm



A hard wearing, decorative MMA resin floor finish made up of coloured stable quartz granules broadcast onto a basecoat and sealed with a clear resin binder.

- | | |
|--|--------------------------------|
| 1 Flowfast 101 Standard Primer | 3 Flowfast 319 Flexible Sealer |
| 2 Flowfast 215 Flexible Binder Coloured Quartz 20/40 Aggregate | 4 Flowfast 319 Flexible Sealer |

Typically used in internal and external applications that require minimal downtime.



Rapid Curing:

MMA catalyst speeds up cure time, reducing construction schedules.



Slip Resistant:

Impressive anti slip profile in dry and wet conditions.



Versatile:

Can be laid over existing hard surfaces such as tiles or terrazzo.



Hard Wearing:

Withstands impact, a variety of traffic conditions and UV exposure.

Flowfast SR 2-3mm



A hard-wearing, protective, non-slip, fast-curing MMA coloured resin-based flooring system which provides a textured profile underfoot.

- | | |
|---|--------------------------------|
| 1 Flowfast 101 Standard Primer | 3 Flowfast 319 Flexible Sealer |
| 2 Flowfast 215 Flexible Binder Non Slip Aggregate Broadcast | 4 Flowfast 319 Flexible Sealer |

Typically used in internal and external applications that require minimal downtime.



Rapid Curing:

MMA catalyst speeds up cure time, reducing construction schedules.



UV Resistant:

UV resistant technology stands up to harsh rays.



Versatile:

Can be laid over existing hard surfaces such as tiles or terrazzo.



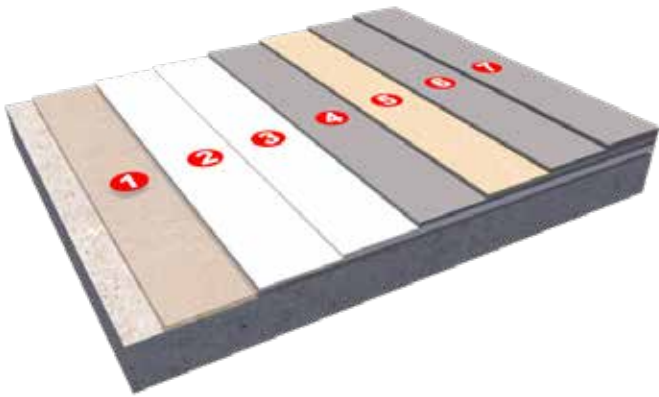
Resistant:

Holds its own against impact, traffic and chemical attack.



SYSTEM BUILD UPS

Deckshield ED Rapide



A flexible, non-slip, rapid cure hybrid PU MMA top deck waterproofing system that offers excellent crack bridging properties.

- 1 Flowfast 101 Standard Primer
- 2 Flowfast 230 Membrane
- 3 Flowfast 230 Membrane
- 4 Flowfast 215 Flexible Binder/ Silica Flour 100G
- 5 Non Slip Aggregate Broadcast
- 6 Flowfast 319 Flexible Sealer
- 7 Flowfast 319 Flexible Sealer

Typically used to cosmetically enhance and waterproof external and multi-storey car parks.



Rapid Curing:
Fast track application, reducing unwanted downtime on critical projects.



Low VOC:
Compliant with Green Star Design & As Build V1.2-13.1.1B, Green Star Interiors V1.2-12.1.1B.

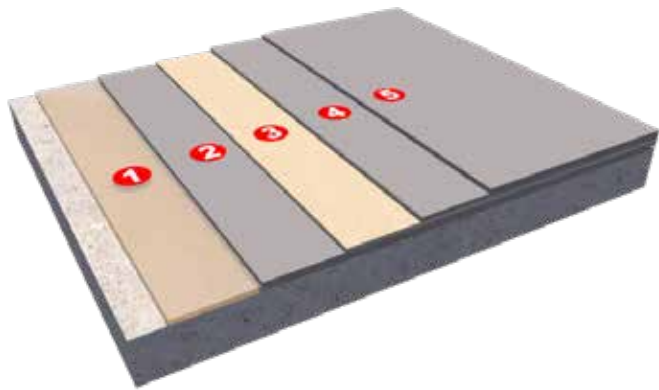


Waterproof:
Complies with AS 4654.1:2012 Waterproofing Membrane standard.



Resistant:
Provides fire, slip, abrasion and chemical and UV resistance.

Deckshield ID Rapide



A fast cure methyl methacrylate deck coating system for use on intermediate car park decks.

- 1 Flowfast 101 Standard Primer
- 2 Flowfast 215 Flexible Binder
- 3 Non Slip Aggregate Broadcast
- 4 Flowfast 319 Flexible Sealer
- 5 Flowfast 319 Flexible Sealer

Typically used to enhance and protect multi-storey car parks and suspended floors.



Rapid Curing:
Fast track application, dramatically reducing program time.



Low VOC:
Compliant with Green Star Design & As Built V1.2-13.1.1B, Green Star Interiors V1.2-12.1.1B.



Low Maintenance:
Can be overcoated without mechanical preparation.



Resistant:
Provides fire, slip, abrasion, UV and chemical resistance.



CONCRETE REPAIR SOLUTIONS



EUCLID CHEMICAL

TECHNICAL PROFILE

GEL TIME:	
25 - 30 Seconds	
TRAFFIC READY TIME:	
Light Traffic: 1 Hour	Heavy Traffic: 2 Hours
SHORE D HARDNESS:	
ASTM D2240	34 to 36
SHORE A HARDNESS:	
ASTM D2240	84 to 88
TENSILE STRENGTH AT 7 DAYS:	
ASTM D412	4.6 MPa
ELONGATION AT 7 DAYS:	
ASTM D412	220% to 260%

USAGE/PURPOSE

- Concrete construction & control joints.
- Crack and joint repair for old floors.
- Industrial and commercial floors.
- Freezer floors.

EUCO QWIKJOINT UVR



UV-Resistant Polyurea Floor Joint Filler

EUCO QWIKjoint UVR represents a new generation of polyurea technology with features and benefits unlike any other polyurea joint filler on the market. It resists fading from ultraviolet light greater than any existing product. It is a fast setting, semi-rigid polyurea, primarily used for filling construction and control joints in industrial and commercial concrete floors. It can be shaved flush with the floor shortly after placement or up to 24 hours later. It supports and protects joint edges from heavy loads and wheel traffic, reducing spalling of the joint edges.



Unparalleled UV resistance.



Fast setting formula reduces downtime.



Tough performance reduces floor joint repairs and maintenance.

For a full Technical Profile, contact your local Technical Department.

Flowcrete
for the world at your feet



TECHNICAL PROFILE

CONSISTENCY:

ASTM C881	6.4 mm
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POT LIFE:

ASTM C881	13 Minutes
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GEL TIME (60G MASS):

ASTM C881		
Class A - 3°C: 38 Minutes	Class B - 10°C: 20 Minutes	Class C - 24°C: 14 Minutes

BOND STRENGTH:

ASTM C882 - 2 Days		
Class A - 3°C: 19.7 MPa	Class B - 10°C: 22.8 MPa	Class C - 24°C: 24.7 MPa
ASTM C882 - 14 Days		
Class A - 3°C: 19.2 MPa	Class B - 10°C: 28.2 MPa	Class C - 24°C: 27.2 MPa

*Pot life is measured as the workable time of 3.8 L of DURAL HS GEL when mixed at 24°C.

DURAL HS GEL



High Strength Epoxy Gel for Anchoring and Doweling

DURAL HS GEL is a two-component, 1:1 mix structural epoxy designed for repair of isolated substrate defects, anchoring and doweling. Usable in temperatures from 4 to 43°C. Tested per ASTM E488 and E1512, it resists static, dynamic, and wind loads in uncracked concrete for threaded rod and rebar.

- Pick-proof sealant for jails/prisons and kennels.
- General purpose epoxy adhesive.
- Setting of injection ports and sealing cracks for crack injection.

TECHNICAL PROFILE

COMPRESSIVE STRENGTH:

ASTM C109	
3 Hrs: 20 MPa	1 Day: 40 MPa
7 Days: 55 MPa	28 Days: <65 MPa

FLEXURAL STRENGTH:

ASTM C348		
1 Day: 3.7 MPa	7 Days: 6.9 MPa	28 Days: 7.6 MPa

SPLIT TENSILE STRENGTH:

ASTM C496	
7 Days: 2.1 MPa	28 Days: 3.3 MPa

SLANT SHEAR BOND STRENGTH:

ASTM C882		
1 Day: 10.3 MPa	7 Days: 14.5 MPa	28 Days: 19.3 MPa

*Compressive strength results published above are typical based on laboratory testing using 50mm cubes and tested at 11% water. Variations of these results can be expected if alternative sample sizes, or test methodology is used.

VERSASPEED LS100



Rapid Hardening Repair Mortar With Extended Working Time

VERSASPEED LS100 is a single-component, rapid-strength repair mortar for horizontal and form-and-pour projects. Just add water for easy use on 6mm to 150mm thick repairs. It offers fast turnaround, corrosion protection, and low chloride permeability.

- Overcoat with moisture sensitive coatings after 5 hours @ 21°C.
- Suitable for interior or exterior applications.
- Open to light duty traffic in as little as 4 hours.

EUCO QWIKSTITCH



Rapid Setting Polyurethane Hybrid Crack and Spall Repair

EUCO QWIKstitch is a fast-curing, ultra-low viscosity hybrid urethane for concrete crack repair. Mixed with aggregate, it forms a durable mortar ideal for quick pavement repairs, even in temperatures as low as -18°C.

- Low VOC and no solvent odour.
- Can be used for concrete & asphalt repairs.
- Very fast cure time. Can be opened to traffic in as little as 30 minutes.

TECHNICAL PROFILE

COMPRESSIVE STRENGTH (MORTAR):

ASTM C579B		
1.5 Hrs: 28 MPa	24 Hrs: 42 MPa	7 Days: 45 MPa +

COMPRESSIVE STRENGTH (NEAT RESIN):

ASTM D695	
1.5 Hrs: 31.7 MPa	24 Hrs: 34.8 MPa

TENSILE STRENGTH:

ASTM D638	
7 Days: 23.5 MPa	

GEL TIME / WORKING TIME:

2 to 3 Minutes

TACK FREE TIME:

10 Minutes

VOC CONTENT:

19 g/L

EUCOCRETE HBM



Thixotropic High Build Repair, Construction & Waterproofing Mortar

Eucocrete HBM is a high-strength, fiber-reinforced, chemical-resistant mortar for repairing and protecting vertical, overhead, and horizontal concrete, as well as embedded steel.

- Excellent abrasion resistance and durability.
- Life span greater than 10 years if applied correctly.
- Waterproof, highly impermeable.

TECHNICAL PROFILE

DETERMINATION OF COMPRESSIVE STRENGTH:

UNE-EN 12190:1999	57.6 N/mm² (Class R4)
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CARBONATION RESISTANCE:

UNE-EN 13295:2005	Dk ≤ reference concrete MC (0.45)
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ELASTIC MODULUS:

UNE-EN 13412:2008	23.8 GPa
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CHLORIDE ION CONTENT:

UNE-EN 1015-17:2000	<0.01%
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CAPILLARY ABSORPTION:

UNE-EN 13057:2002	0.2 kg/(m² x h0.5)
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COEFFICIENT OF THERMAL EXPANSION:

UNE-EN 1770:1990	14.2 µm/m °C
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WORKING TIME AT AMBIENT (21°C):

30 Minutes

Finish colours can be achieved in either standardised RAL or AS2700 colour ranges. Our flooring solutions also feature a variety of sand colour options, allowing you to achieve the perfect texture and aesthetic.

At Tremco Construction Products Group (CPG) Australia, we're committed to shaping the future through innovative approaches and sustainable solutions. This commitment is backed up by the fact that we bring together first-class technology with a customer focused approach, along with skills that have been built up over multiple decades within very specialised fields across the Pacific, to provide a truly unique service.

Delivering World-Class Construction Product Solutions.

The product brands housed within Tremco CPG Australia cover a wide array of different construction needs and provide a wealth of complex services, support and systems that are rarely found together under one roof.

Sealing, bonding & insulation

Window Insulation, Façade Construction, Exterior Insulation & EIFS, Structural & Inplant Glazing

Passive fire protection

Intumescent Coatings, Sustainable Vermiculite Alternatives

Flooring

Seamless Resin Flooring, Subfloor Preparation, Car Parking Structures & Pedestal Decking

Waterproofing

Potable & Waste Water Industry, Balconies, Terraces, Basements & Foundations

Roofing

Liquid Applied Systems, Felt Systems, Vegetated Roofing & Warm Roofing

The Pacific's leading construction products brands...

TREMCO **Dryvit** **Willseal** **Flowcrete** **Nullifire** **Willbruck**

Vandex

EUCLID CHEMICAL

DURAM

NURALITE
FLAT ROOFS | BUILT RIGHT

NURAJACK
ROCKING MADE EASY

OUTRIGHT
Continuous Insulation

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