



RESIN FLOORING PRODUCT SELECTION GUIDE

This resin flooring product selection guide has been developed to enhance the specification and procurement of Flowcrete systems. This document details recommended Flowcrete flooring systems, for various project elements.

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PRODUCT SELECTION GUIDE - RESIN FLOORING

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This document is applicable to Tremco Construction Products Group (CPG) Australia’s Flowcrete branded performance resin flooring systems for new construction and/or remedial purposes. Applicable areas may include; internal and external applications. The information contained within this document should be read in accordance with the information listed on the relevant Product Data Sheet, Technical Data Sheet, Safety Data Sheet, Australian Standard and National Construction Code.

All text contained in this document is provided as guidance by Tremco CPG for developing the appropriate work section and relevant construction documents. Consult with Tremco CPG for project specific advice related to your project and recommended products and or systems.



PRODUCT SELECTOR

Application Suitability



1. Car Park Deck Coatings



2. Commercial Environments



3. Education & Healthcare



4. Electronics & ESD Facilities



5. Food & Beverage



6. Industrial Environments



7. Leisure & Aquatic Centres



8. Stadium & Arenas



9. Transportation

This resin flooring product selection guide has been developed to enhance the specification and procurement of Flowcrete systems. This document details recommended Flowcrete flooring systems, for various project elements.

FLOWCRETE RESIN FLOORING SOLUTIONS

Flowcrete is a market-leader in epoxy, polyurethane and MMA resin flooring solutions that offer slip-resistance, fire-resistance and hygiene performance.

From Flowfast, a fast curing MMA coating to the HACCP Internationally certified Flowfresh range of polyurethane cement flooring solutions, any flooring need you may have, Flowcrete Pacific has the solution.

Our wide range of industrial and decorative commercial resin floor coatings and specialty surface treatments ensures that we have the right flooring solution, no matter what the clients' requirements of service conditions.



Forming part of the wider Tremco Construction Products Group (CPG), together with several leading construction product brands, we aim to simplify the supply chain process by providing construction professionals with a one-stop-shop for high-performance construction materials for all six sides of the building.

The Tremco CPG collaboration will make a wide portfolio of product brands available through Tremco CPG Australia. These include Flowcrete, Tremco, Euclid, illbruck, Nullifire, Willseal, Duram, Vandex, Nuralite, Nurajack and Outright.

The combined strength of national support and world-class product technology will provide customers with an understanding of international best practice and deliver quality assurance throughout the stages of the construction process.

PERFORMANCE RESIN FLOORING SOLUTIONS

CAR PARK DECK COATINGS							
System	Description	Typically Used For	Thickness	Key Features	VOC	Slip Rating	Speed of Cure
Deckshield ED Rapide	Deckshield ED Rapide is a crack bridging MMA car park deck coating providing a colourful, waterproof, durable surface for exposed decks.	Used to cosmetically enhance, protect and waterproof multi-storey car park and external decks.	4mm	- Compliant to AS 4654.1 Waterproofing Membrane for External Above Grade Use - Rapid Curing - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC	<250 g/L ASTM D2369-10: 2015	P5	1-2 hrs Per Coat
Deckshield ID Rapide	Deckshield ID Rapide is a flexible MMA car park deck coating providing a colourful, durable and rapid curing finish.	Used to enhance and protect multi-storey car parks and suspended floors.	2.5mm	- Rapid Curing - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC	<140 g/L ASTM D2369-10: 2015	P5	1-2 hrs Per Coat
Deckshield ID	A flexible polyurethane deck coating system that transforms intermediate decks of multi-storey parking structures.	Used to cosmetically enhance, protect and brighten internal car parks and stadiums.	1.5mm	- Noise Reducing - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC	<140 g/L ASTM D2369-10: 2015	P5	7 days (full chemical cure) @ 20°C
Flowcoat OP	High performance, colourful, watertight car park deck coating system for car park bays and straight driveway areas.	Used as a durable, protective, coloured floor coating in car park facilities.	0.35-1mm	- Aesthetically Attractive - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC - Noise Reducing	<140 g/L ASTM D2369-10: 2015	>P3	7 days (full chemical cure) @ 20°C

COMMERCIAL, EDUCATION & HEALTHCARE ENVIRONMENTS							
System	Description	Typically Used For	Thickness	Key Features	VOC	Slip Rating	Speed of Cure
Flowcoat Terrosso	Flowcoat Terrosso is a highly decorative, hard wearing, resin-based flooring system featuring decorative flake blends.	Used in public areas, schools, cafés, boutiques, office receptions and foyers.	1-1.5mm	- Satin or Gloss Finish - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC - Easy to Clean	<140 g/L ASTM D2369-10: 2015	>P1 - >P4	7 days (full chemical cure) @ 20°C
Flowfast Terrosso	Flowfast Terrosso is a fast curing, decorative, durable MMA floor finish that transforms commercial and industrial environments.	Used in areas with heavy foot traffic including public areas including retail, schools, airports, hospitals and stadiums	2-3mm	- Rapid Curing - Satin Finish - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC - Easy to Clean	<140 g/L ASTM D2369-10: 2015	>P3 - >P4	1-2 hrs Per Coat
Flowfast SRQ	A protective, non-slip, fast-curing MMA based resin-based flooring system featuring coloured quartz granules.	Used in internal and external applications that require minimal downtime.	2-3mm	- Rapid Curing - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC - Versatile Substrate Application	<140 g/L ASTM D2369-10: 2015	>P4	1-2 hrs Per Coat

PERFORMANCE RESIN FLOORING SOLUTIONS

COMMERCIAL, EDUCATION & HEALTHCARE ENVIRONMENTS							
System	Description	Typically Used For	Thickness	Key Features	VOC	Slip Rating	Speed of Cure
Flowcoat SRQ	Flowcoat SRQ is a non-slip, chemical resistant and decorative epoxy resin-based flooring system featuring coloured quartz granules.	Used in public areas with medium foot traffic that require a decorative platform underfoot.	2-3mm	- Gloss Finish - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC	<140 g/L ASTM D2369-10: 2015	>P3 - >P4	7 days (full chemical cure) @ 20°C
Flowfresh SR	High performance, phthalate-free, low VOC, chemical resistant polyurethane resin floor system with a slip resistant finish, available in gloss or satin coloured finish.	Used in food and beverage areas such as kitchens and workshop zones subjected to heavy traffic. Suitable for Wet Processing Areas.	4-9mm	- HACCP Certified - Phthalate-Free - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC - Thermal Resistance -40°C up to 120°C at 9mm Thickness - Gloss or Satin Finish Options	<140 g/L ASTM D2369-10: 2015	P5	7 days (full chemical cure) @ 20°C
Mondéco	Mondéco is a highly decorative, solvent free, epoxy resin terrazzo floor finish which incorporates granite and flint aggregates.	Used in public areas with heavy foot traffic that require a decorative platform underfoot.	6mm	- Flexible Design - Attractive - Chemical, Abrasion Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Very Hard Wearing	<140 g/L ASTM D2369-10: 2015	BS 7976-2 (4S rubber slider): Dry >40	7 days (full chemical cure) @ 20°C
Rustik UV	A stone carpet system that uses colourful stone aggregates binded with a clear resin to provide a natural looking interior floor finish.	Used in outdoor areas in leisure and retail complexes, theme parks and holiday resorts.	6mm	- Quick to Install - Attractive 100% UV Light Stable - Suitable for Regular Foot Traffic		BS 7976-2 (4S rubber slider): Dry >40	7 days (full chemical cure) @ 20°C

ELECTRONICS & ESD FACILITIES							
System	Description	Typically Used For	Thickness	Key Features	VOC	Slip Rating	Speed of Cure
Flowshield ESD SL	Anti-static, durable, abrasion-resistant, self-smoothing gloss finish resin flooring system. Meets EN IEC 61340-5-1 anti-static standard requirements.	Used in sensitive environments such as electronic, laboratory, defence, and cleanroom environments.	2mm	- Meets ENIEC61340-5-1 - Easy to Clean - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1	<140 g/L ASTM D2369-10: 2015	P1	7 days (full chemical cure) @ 20°C
Flowshield ESD BVG	A fibre-free antistatic, self smoothing epoxy floor coating based on nano technology that complies with a variety of electrical conductivity requirements.	Used in medium to heavy duty traffic areas where conductive ESD standards are required.	Dependant on specification	- Antistatic - Meets ANSI/ESD S2020, ASTM F150 Conductive and IEC 61340-5-1 & IEC 61340-4-5 Requirements - Solvent Free and Low Odour - High Chemical Resistance - Hard-Wearing		P1	7 days (full chemical cure) @ 20°C

PERFORMANCE RESIN FLOORING SOLUTIONS

FOOD & BEVERAGE							
System	Description	Typically Used For	Thickness	Key Features	VOC	Slip Rating	Speed of Cure
Flowfresh MF	High performance, phthalate-free, low VOC, chemical resistant polyurethane resin floor system with smooth matte coloured finish.	Used in a range of industrial environments such as food & beverage, automotive workshops and warehouses. Suitable for Dry Processing Areas.	3-4mm	- HACCP Certified - Phthalate-Free - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC	<140 g/L ASTM D2369-10: 2015	P1	7 days (full chemical cure) @ 20°C
Flowfresh SR	High performance, phthalate-free, low VOC, chemical resistant polyurethane resin floor system with a slip resistant finish, available in gloss or satin coloured finish.	Used in food and beverage or heavy duty workshops, factories and industrial manufacturing zones. Suitable for Wet Processing Areas.	4-9mm	- HACCP Certified - Phthalate-Free - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC - Thermal Resistance -40°C up to 120°C at 9mm Thickness - Gloss or Satin Finish Options	<140 g/L ASTM D2369-10: 2015	P5	7 days (full chemical cure) @ 20°C
Flowfresh SRQ	A protective, non-slip, fast-curing hybrid resin-based flooring system which provides a textured profile underfoot and a decorative coloured quartz finish.	Used in internal areas subject to heavy foot traffic that require a decorative finish.	2-3mm	- Rapid Curing Sealer - Low Maintenance - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC	<140 g/L ASTM D2369-10: 2015	>P4	7 days (full chemical cure) @ 20°C
Flowfast SR	A protective, non-slip, fast-curing MMA coloured resin-based flooring system which provides a textured profile underfoot.	Used in internal and external applications that require minimal downtime.	2-3mm	- Rapid Curing System - Low Maintenance - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Versatile Substrate Application	<140 g/L ASTM D2369-10: 2015	>P4	1-2 hrs Per Coat
Flowfresh RT	A heavy-duty, phthalate-free, hygienic PU screed providing a highly durable, lightly textured finish with excellent chemical and temperature resistance.	Used as a hygienic floor finish for heavy duty wet processing areas in F&B facilities.	6-9mm	- HACCP Certified - Phthalate-Free - Green Building Product - Temperature Resistant -45°C to 120°C at 9mm Thickness - Slip Resistant			7 days (full chemical cure) @ 20°C

HACCP International Certified Hygienic Flooring

A food and beverage processing floor is subject to constant traffic, impact damage due to equipment handling and often subject to attack from chemicals and corrosive ingredients.

Resin flooring systems ensure a non-porous, smooth and seamless surface, making it very difficult for microbes or mould to grow.

The Flowfresh range is HACCP Internationally certified, providing peace of mind that facilities have chosen a fit for purpose flooring solution. Flowfresh is also engineered with a 100% phthalate-free formulation containing no adipates or terephthalates, delivering a safer and more hygienic solution for the food and beverage industry. Unlike many conventional phthalate-free alternatives that still rely on plasticisers which may migrate or lose performance over time, Flowfresh is designed for long term performance and preserves its structural integrity under demanding operational conditions.



PERFORMANCE RESIN FLOORING SOLUTIONS

INDUSTRIAL ENVIRONMENTS							
System	Description	Typically Used For	Thickness	Key Features	VOC	Slip Rating	Speed of Cure
Flowcoat OP	High performance, low VOC, epoxy resin coating system designed to create a uniform "Orange Peel" surface texture.	Used as a hard-wearing, coloured protective floor finish in internal industrial environments	0.3-1.5mm	• Easy to Clean • Chemical, Abrasion & Slip Resistance • Fire Resistance Testing to AS/ISO 9239.1 • Low VOC • Smooth, Light Non Slip or Non Slip Options	< 140 g/L ASTM D2369-10: 2015	P1 - >P4	7 days (full chemical cure) @ 20°C
Flowcoat CR	High performance, low VOC, hard wearing epoxy resin coating which provides excellent resistance to hydraulic fluids and Skydrol®	Used in internal industrial & aviation environments which may be subjected to chemical spillages.	0.3-1.5mm	• High Chemical Resistance including Skydrol® Resistance • Abrasion & Slip Resistance • Fire Resistance Testing to AS/ISO 9239.1 • Low VOC • Smooth, Light Non Slip or Non Slip Options	< 140 g/L ASTM D2369-10: 2015	P1 - >P4	7 days (full chemical cure) @ 20°C
Flowcoat UV	High performance, UV resistant, hard-wearing, coloured epoxy and polyurethane resin coating system designed to protect industrial floors.	Used as a hard wearing, protective coating for industrial areas exposed to sunlight.	0.35-1.5mm	• UV Stable • Easy to Clean • Chemical, Abrasion & Slip Resistance • Fire Resistance Testing to AS/ISO 9239.1 • Low VOC • Smooth, Light Non Slip or Non Slip Options	< 140 g/L ASTM D2369-10: 2015 *	P1 - >P4	7 days (full chemical cure) @ 20°C
Flowshield OP	High performance, solvent free, chemical resistant, high-build epoxy resin coating system.	Used as a hard wearing coloured floor coating in internal areas such as factories, warehouses, storerooms, plantrooms, light production and process areas.	2.5-4mm	• Easy to Clean • Chemical, Abrasion & Slip Resistance • Fire Resistance Testing to AS/ISO 9239.1 • Low VOC • Smooth, Light Non Slip or Non Slip Options	< 140 g/L ASTM D2369-10: 2015	P1 - >P4	7 days (full chemical cure) @ 20°C
Flowshield CR	High chemical resistance, self-smoothing resin flooring system with excellent resistance to hydraulic fluids and Skydrol®.	Used in chemical process areas where the floor is subject to chemical spillage, aviation hangars, military hangars, maintenance hangars, factories, warehouses, storerooms, plant rooms, light production and process areas.	2.5-4mm	• High Chemical Resistance including Skydrol® Resistance • Abrasion & Slip Resistance • Fire Resistance Testing to AS/ISO 9239.1 • Low VOC • Smooth, Light Non Slip or Non Slip Options • UV Resistant Option	< 140 g/L ASTM D2369-10: 2015 *	P1 - >P4	7 days (full chemical cure) @ 20°C
Flowshield UV	High performance, resin-based flooring solution that offers a high-impact, chemical, abrasion resistant finish.	Used in automotive, engineering, aerospace and pharmaceutical environments that require a UV light stable finish.	2.5-4mm	• UV Stable • Easy to Clean • Chemical, Abrasion & Slip Resistance • Fire Resistance Testing to AS/ISO 9239.1 • Low VOC • Smooth, Light Non Slip or Non Slip Options	< 140 g/L ASTM D2369-10: 2015 *	P1 - >P4	7 days (full chemical cure) @ 20°C

*Where Deckshield UV WB is used.

PERFORMANCE RESIN FLOORING SOLUTIONS

INDUSTRIAL ENVIRONMENTS							
System	Description	Typically Used For	Thickness	Key Features	VOC	Slip Rating	Speed of Cure
Flowfresh SR	High performance, phthalate-free, low VOC, chemical resistant polyurethane resin floor system with a slip resistant finish, available in gloss or satin coloured finish.	Used in food and beverage or heavy duty workshops, factories and industrial manufacturing zones.	4-9mm	• HACCP Certified • Phthalate-Free • Chemical, Abrasion & Slip Resistance • Fire Resistance Testing to AS/ISO 9239.1 • Thermal Resistance -40°C up to 120°C at 9mm Thickness • Low VOC • Gloss or Satin Finish Options	< 140 g/L ASTM D2369-10: 2015	P5	7 days (full chemical cure) @ 20°C
Flowfresh MF	High performance, phthalate-free, low VOC, chemical resistant polyurethane resin floor system with smooth matte coloured finish.	Used in a range of internal industrial environments such as automotive workshops and warehouses.	3-4mm	• HACCP Certified • Phthalate-Free • Chemical, Abrasion & Slip Resistance • Fire Resistance Testing to AS/ISO 9239.1 • Low VOC	< 140 g/L ASTM D2369-10: 2015	P1	7 days (full chemical cure) @ 20°C
Flowfast SR	A protective, non-slip, fast-curing MMA coloured resin-based flooring system which provides a textured profile underfoot	Used in internal and external applications that require minimal downtime.	2-3mm	• Rapid Curing • Low Maintenance • Chemical, Abrasion & Slip Resistance • Fire Resistance Testing to AS/ISO 9239.1 • Versatile Substrate Application	< 140 g/L ASTM D2369-10: 2015	>P4	1-2 hrs Per Coat
Flowshield SL	Flowshield SL is a seamless epoxy self-leveling floor coating that delivers a hygienic smooth resin finish. Meets Cleanroom Suitable Materials test parameters.	Used for internal dry process areas in laboratories, clean rooms, warehouses and storage areas in pharmaceutical, electronic, aerospace, automotive and printing plants.	2.5-4mm	• Easy to Clean • Chemical, Abrasion & Slip Resistance • Fire Resistance Testing to AS/ISO 9239.1 • Low VOC • Smooth, Light Non Slip or Non Slip Options	< 140 g/L ASTM D2369-10: 2015	P1 - >P4	7 days (full chemical cure) @ 20°C



PERFORMANCE RESIN FLOORING SOLUTIONS

LEISURE & AQUATIC CENTRES							
System	Description	Typically Used For	Thickness	Key Features	VOC	Slip Rating	Speed of Cure
Deckshield ED Rapide	Deckshield ED Rapide is a flexible MMA based deck coating which provides a colourful, watertight, durable surface for exposed decks.	Used to cosmetically enhance and waterproof pool surrounds and walkways.	4mm	- Compliant to AS 4654.1 Waterproofing Membrane for External Above Grade Use - Rapid Curing - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC	<250 g/L ASTM D2369-10: 2015	P5	1-2 hrs Per Coat
Deckshield ID Rapide	Deckshield ID Rapide is a MMA based deck coating which provides a colourful, watertight, durable surface for exposed decks.	Used to cosmetically enhance and protect external pool surrounds and walkways.	2.5mm	- Rapid Curing - Low Maintenance - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC	<140 g/L ASTM D2369-10: 2015	P5	1-2 hrs Per Coat
Deckshield ID	Deckshield ID is a polyurethane resin-based deck coating system offered in a range of solid colour finishes and a non-slip profile.	Used to enhance and protect internal pool surrounds and walkways.	1.5mm	- Noise Reducing - Aesthetically Attractive - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC	<140 g/L ASTM D2369-10: 2015	P5	7 days (full chemical cure) @ 20°C
Flowcoat OP	High performance, low VOC, epoxy resin coating system designed to create a uniform "Orange Peel" surface texture.	Used as a hard-wearing, coloured protective floor finish in maintenance areas.	0.3-1.5mm	- Easy to Clean - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC - Smooth, Light Non Slip or Non Slip Options	<140 g/L ASTM D2369-10: 2015	P1 - >P4	7 days (full chemical cure) @ 20°C
Flowfast Terrosso	Flowfast Terrosso is a rapid curing, decorative, durable MMA floor finish that transforms public spaces.	Used in areas with heavy foot traffic including foyers and amenities with little downtime.	2-3mm	- Rapid Curing - Satin Finish - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC - Easy to Clean	<140 g/L ASTM D2369-10: 2015	>P3 - >P4	1-2 hrs Per Coat
Flowcoat Terrosso	Flowcoat Terrosso is a highly decorative, durable, resin-based flooring system featuring decorative flake blends.	Used in areas with heavy foot traffic including foyers and amenities.	1-1.5mm	- Satin or Gloss Finish - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC - Easy to Clean	<140 g/L ASTM D2369-10: 2015	>P1 - >P4	7 days (full chemical cure) @ 20°C
Flowcoat SRQ	Flowcoat SRQ is a non-slip, chemical resistant and decorative epoxy resin-based flooring system featuring coloured quartz granules.	Used for internal applications including pool surrounds and amenities.	2-3mm	- Gloss Finish - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC - Easy to Clean	<140 g/L ASTM D2369-10: 2015	>P3 - >P4	7 days (full chemical cure) @ 20°C
Flowfresh SRQ	A protective, non-slip, fast-curing hybrid resin-based flooring system which provides a textured profile underfoot and a decorative coloured quartz finish.	Used in areas with heavy foot traffic including pool surrounds or amenities that require a moisture tolerant primer.	2-3mm	- Rapid Curing Sealer - Low Maintenance - Chemical Resistant - Fire Resistant - Slip Resistant - Abrasion Resistant - Low VOC	<140 g/L ASTM D2369-10: 2015	>P4	7 days (full chemical cure) @ 20°C

PERFORMANCE RESIN FLOORING SOLUTIONS

LEISURE & AQUATIC CENTRES							
System	Description	Typically Used For	Thickness	Key Features	VOC	Slip Rating	Speed of Cure
Flowfast SRQ	Flowfast SRQ is a rapid curing, durable, non-slip, MMA resin-based decorative flooring system that delivers a decorative coloured quartz finish.	Used in areas with heavy foot traffic including pool surrounds and amenities with time constraints.	2-3mm	- Rapid Curing - Satin Finish - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC	<140 g/L ASTM D2369-10: 2015	>P3 - >P4	1-2 hrs Per Coat

STADIUM & ARENAS							
System	Description	Typically Used For	Thickness	Key Features	VOC	Slip Rating	Speed of Cure
Deckshield ED Rapide	Deckshield ED Rapide is a crack bridging MMA deck coating that provides a colourful, waterproof and durable surface for exposed decks.	Used to cosmetically enhance and waterproof external areas and grandstands.	4mm	- Compliant to AS 4654.1 Waterproofing Membrane for External Above Grade Use - Rapid Curing - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC	<250 g/L ASTM D2369-10: 2015	P5	1-2 hrs Per Coat
Deckshield ID	A flexible polyurethane deck coating system that transforms intermediate decks and walkways.	Used to cosmetically enhance, protect and brighten internal stadiums areas.	1.5mm	- Noise Reducing - Aesthetically Attractive - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC	<140 g/L ASTM D2369-10: 2015	P5	7 days (full chemical cure) @ 20°C
Flowfast Terrosso	Flowfast Terrosso is a fast curing, decorative, durable MMA floor finish that transforms commercial and industrial environments.	Used in areas with heavy foot traffic including public areas, concourses, amenities and back of house areas.	2-3mm	- Rapid Curing - Satin Finish - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC - Easy to Clean	<140 g/L ASTM D2369-10: 2015	>P3 - >P4	1-2 hrs Per Coat
Flowfresh SR	High performance, phthalate-free, low VOC, chemical resistant polyurethane resin floor system with a slip resistant finish, available in gloss or satin coloured finish.	Used in food and beverage areas within stadia including commercial kitchens, food outlets, bars and fridge/freezers.	4-9mm	- HACCP Certified - Phthalate-Free - Chemical, Fire, Slip, Abrasion Resistant - Thermal Resistance -40°C up to 120°C at 9mm Thickness - Low VOC - Gloss or Satin Finish Options	<140 g/L ASTM D2369-10: 2015	P5	7 days (full chemical cure) @ 20°C



PERFORMANCE RESIN FLOORING SOLUTIONS

TRANSPORTATION							
System	Description	Typically Used For	Thickness	Key Features	VOC	Slip Rating	Speed of Cure
Deckshield ED Rapide	Deckshield ED Rapide is a crack bridging MMA car park deck coating providing a colourful, waterproof, durable surface for exposed decks.	Used to cosmetically enhance and waterproof external and multi-storey car parks.	4mm	- Compliant to AS 4654.1 Waterproofing Membrane for External Above Grade Use - Rapid Curing - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC	<250 g/L ASTM D2369-10: 2015	P5	1-2 hrs Per Coat
Deckshield ID Rapide	Deckshield ID Rapide is a flexible MMA car park deck coating providing a colourful, durable and rapid curing finish.	Used to enhance and protect multi-storey car parks and suspended floors.	2.5mm	- Rapid Curing - Low Maintenance - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC	<140 g/L ASTM D2369-10: 2015	P5	1-2 hrs Per Coat
Deckshield ID	A flexible polyurethane deck coating system that transforms intermediate decks of multi-storey car parking structures.	Used to cosmetically enhance, protect and brighten internal car parks and stadiums.	1.5mm	- Noise Reducing - Aesthetically Attractive - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC	<140 g/L ASTM D2369-10: 2015	P5	7 days (full chemical cure) @ 20°C
Flowcoat OP	High performance, colourful, watertight car park deck coating system for car park bays and straight driveway areas.	Used as a hard wearing, protective, coloured floor coating in car park facilities and back of house areas.	0.35-1mm	- Low Maintenance - Aesthetically Attractive - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC	<140 g/L ASTM D2369-10: 2015	>P3	7 days (full chemical cure) @ 20°C
Flowfast SR	A protective, non-slip, fast-curing MMA coloured resin-based flooring system which provides a textured profile underfoot.	Used in internal and external applications that require minimal downtime.	2-3mm	- Rapid Curing - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Versatile Substrate Application	<140 g/L ASTM D2369-10: 2015	>P4	1-2 hrs Per Coat
Flowfast Terrosso	Flowfast Terrosso is a rapid curing, decorative, durable MMA floor finish that transforms commercial and industrial environments.	Used in areas with heavy foot traffic including public areas including airports and rail platforms.	2-3mm	- Rapid Curing - Satin Finish - Chemical, Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC	<140 g/L ASTM D2369-10: 2015	>P3 - >P4	1-2 hrs Per Coat
Mondéco	Mondéco is a highly decorative, solvent free, epoxy resin terrazzo floor finish which incorporates granite and flint aggregates.	Used in areas with heavy foot traffic including public areas including airports and rail platforms.	6mm	- Flexible Design - Attractive - Chemical, Fire, Slip, Abrasion Resistance - Very Hard Wearing	<140 g/L ASTM D2369-10: 2015	BS 7976-2 (4S rubber slider): Dry >40	7 days (full chemical cure) @ 20°C
Flowcoat CR	High performance, low VOC, hard wearing epoxy resin coating which provides excellent resistance to hydraulic fluids.	Used in industrial environments which require additional chemical resistance such as substations or hangars.	0.3-1.5mm	- High Chemical Resistance including Skydrol® Resistance - Abrasion & Slip Resistance - Fire Resistance Testing to AS/ISO 9239.1 - Low VOC - Smooth, Light Non Slip or Non Slip Options	<140 g/L ASTM D2369-10: 2015	P1 - >P4	7 days (full chemical cure) @ 20°C

PERFORMANCE RESIN FLOORING SOLUTIONS

TRAINING PROGRAMME & CPD PRESENTATIONS



Australian
Institute of
Architects

Refuel CPD
Provider

Tremco have the ability to provide training modules (practical & theory) on its products and the following topics:

- Epoxy Resin Coatings
- Polyurethane Resin Flooring
- Methyl Methacrylate Rapid Curing Solutions

Training may take place at a Tremco premises, your office or site.

Tremco Construction Products Group also have a series of Formal CPD presentations which you can take advantage of, to help keep up to date with the latest in construction products and earn formal CPD points.

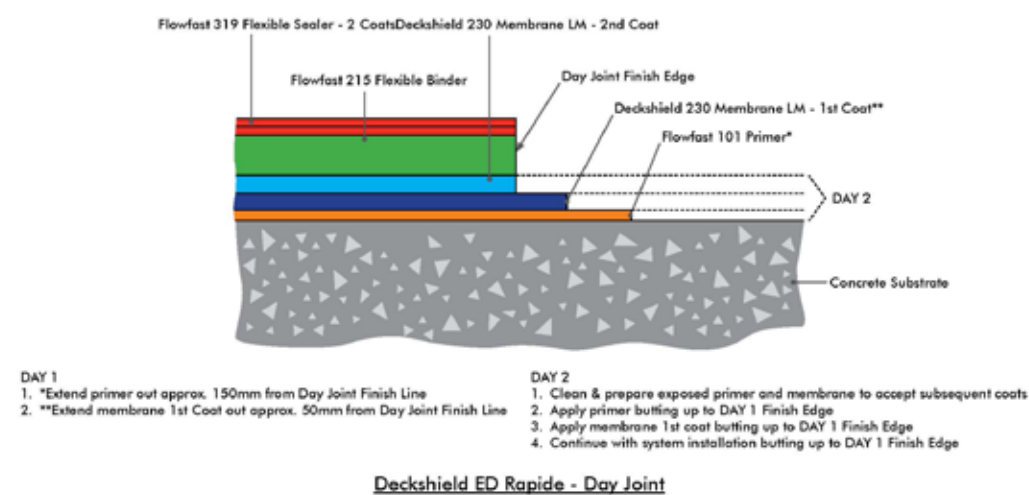
Each presentation we will provide your company with:

- Your CPD certificate for all participants
- AIA formal recognition
- Product samples for your records if requested

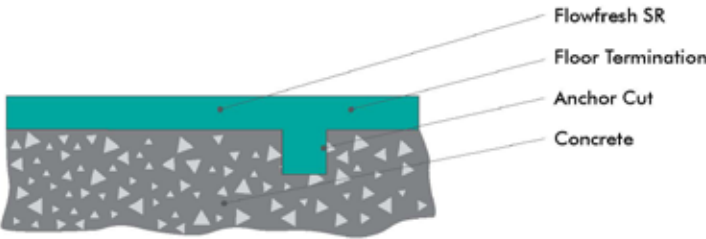


PERFORMANCE RESIN FLOORING SOLUTIONS

Typical Detail Drawing Examples



 Tremco CPG Australia Unit 12, 4 Southridge Street, Eastern Creek NSW 2766, Australia Tel: 1800 318 038 Fax: (02) 9684 2036 Email: specifications@tremco.com.au	PROJECT TITLE:
	DRAWING TITLE:
	DATE:
	*Not To Scale
	This detail is intended for conceptual purposes only. www.flowcreteaustralia.com.au



Flowfresh Termination Detail to Existing Flooring

 Tremco CPG Australia Unit 12, 4 Southridge Street, Eastern Creek NSW 2766, Australia Tel: 1800 318 038 Fax: (02) 9684 2036 Email: specifications@tremco.com.au	PROJECT TITLE:
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PERFORMANCE RESIN FLOORING SOLUTIONS

Tremco CPG Australia Standard Warranty

Tremco CPG Australia offer a 'materials warranty' on products supplied. This warranty covers the supplied materials as being fit for purpose and meeting the physical properties as listed on the relevant Tremco CPG Australia published literature.

Tremco CPG Australia's warranty is offered with the expectation that all products are installed in line with Tremco CPG Australia's published literature, the relevant Australian Standard and the National Construction Code.

Where a product failure is suspected, Tremco CPG Australia is to be contacted immediately, with a site investigation to be undertaken, in conjunction with the builder and applicator to work towards finding the absolute source and mode of failure.

Irrespective of the identified cause of the failure, while not forgoing the terms and conditions associated with Tremco CPG Australia's 'materials warranty', Tremco commits to working alongside the builder and applicator to provide technical support through any remediation / rectification works.

Please refer to the terms and conditions of this warranty for further information.



CONCRETE REPAIR SOLUTIONS



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.



TECHNICAL PROFILE

CONSISTENCY:		
ASTM C881	6.4 mm	
POT LIFE:		
ASTM C881	13 Minutes	
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)
CARBONATION RESISTANCE:	
UNE-EN 13295:2005	Dk≤ reference concrete MC (0.45)
ELASTIC MODULUS:	
UNE-EN 13412:2008	23.8 GPa
CHLORIDE ION CONTENT:	
UNE-EN 1015-17:2000	<0.01%
CAPILLARY ABSORPTION:	
UNE-EN 13057:2002	0.2 kg/(m² x h0.5)
COEFFICIENT OF THERMAL EXPANSION:	
UNE-EN 1770:1990	14.2 µm/m °C
WORKING TIME AT AMBIENT (21°C):	
30 Minutes	

Part of



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