

Flowcrete
for the world at your feet



Durable workhorse surfaces suited to use in a wide range of demanding industrial plants and process environments.

INDUSTRIAL FLOORING



Application Suitability



Aerospace



Automotive



Electronic



Food & Drink Processing



Manufacturing



Pharmaceutical

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Flowcrete’s Industrial Flooring range has been developed to deliver the ultimate in durability and resistance for hard-wearing surfaces that stand the test of time.

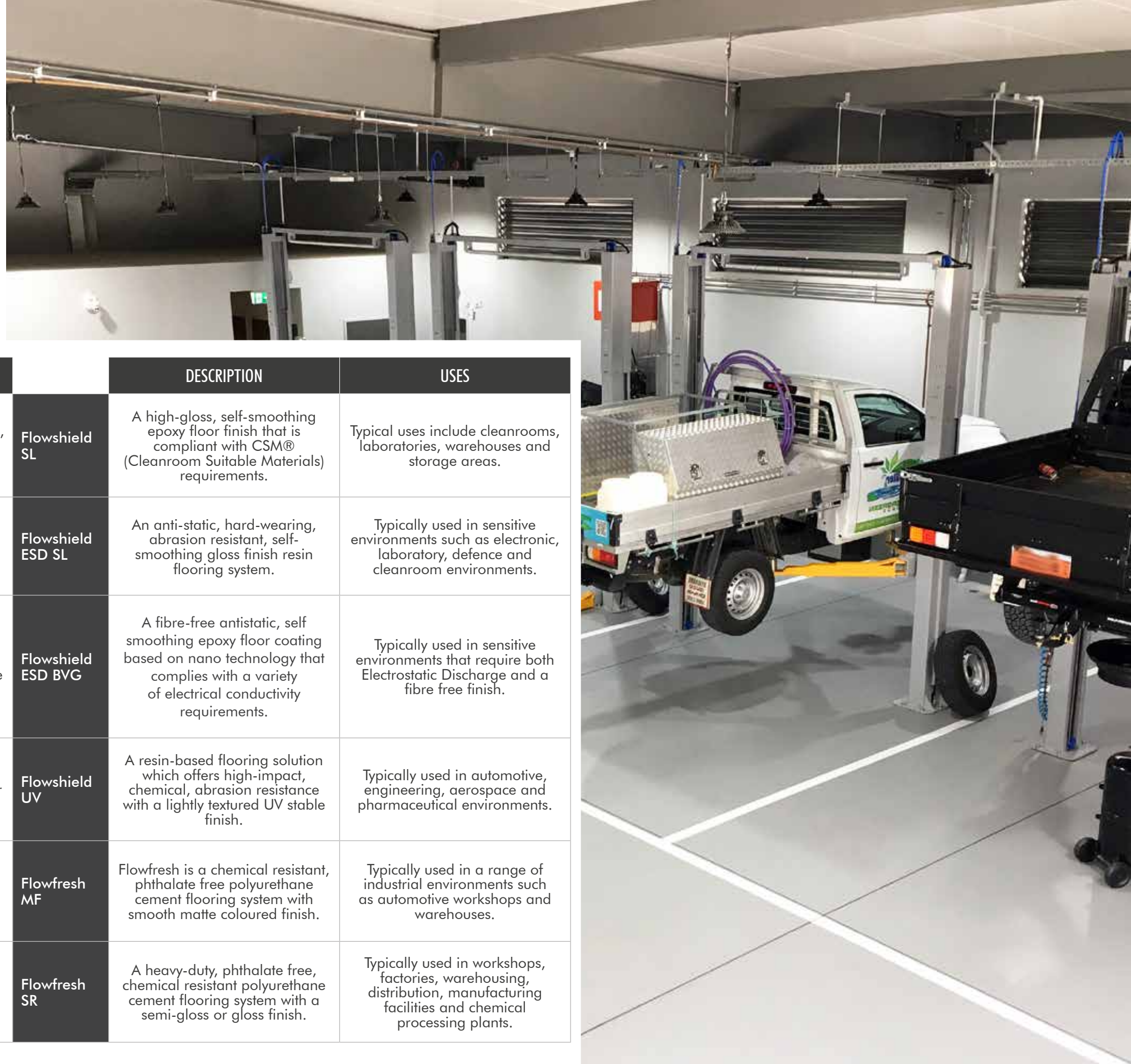
Reliable formulations stand up to heavy forklift, pallet truck and pedestrian traffic, whilst boasting impressive resistance levels against aggressive chemicals, cleaning agents and spillages across a number of production areas, including those subject to extreme temperature change or chemical attack.

What’s more, Flowcrete’s Industrial flooring range offers everything from textured finishes for slip resistance to UV stability to maintain colour vibrancy. Some ranges are even available in an antistatic grade for the protection of sensitive electronic equipment, resulting in a range of flooring solutions perfect for a variety of heavy duty industrial environments.



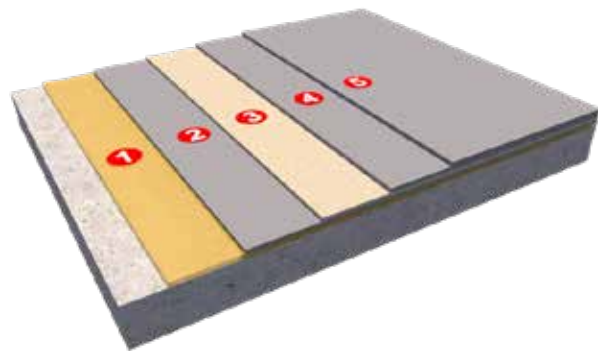
SYSTEM COMPONENTS

	DESCRIPTION	USES		DESCRIPTION	USES
Flowcoat UV	High performance, hard-wearing, coloured epoxy and polyurethane resin coating system designed to protect industrial floors.	Typically used as a hard wearing, protective coating for industrial areas exposed to sunlight.	Flowshield SL	A high-gloss, self-smoothing epoxy floor finish that is compliant with CSM® (Cleanroom Suitable Materials) requirements.	Typical uses include cleanrooms, laboratories, warehouses and storage areas.
Flowcoat CR	A solvent free, chemical resistant epoxy coating system designed for use in processing & storage areas subject to chemical spillages.	Typically used as a durable, protective coating for industrial areas requiring high chemical resistance.	Flowshield ESD SL	An anti-static, hard-wearing, abrasion resistant, self-smoothing gloss finish resin flooring system.	Typically used in sensitive environments such as electronic, laboratory, defence and cleanroom environments.
Flowcoat CR UV	A high-performance, solvent-free and durable epoxy resin coating which provides enhanced chemical resistance and UV protection. Depending on thickness, this can be lightly or fully textured to provide a non-slip finish.	Typically used in industrial environments requiring both high chemical and UV resistance such as aerospace hangars.	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.	Typically used in sensitive environments that require both Electrostatic Discharge and a fibre free finish.
Flowcoat OP	A high performance, solvent free, epoxy resin coating system designed to create a uniform "Orange Peel" surface texture.	Typically used as a durable, pigmented protective coating for internal industrial environments.	Flowshield UV	A resin-based flooring solution which offers high-impact, chemical, abrasion resistance with a lightly textured UV stable finish.	Typically used in automotive, engineering, aerospace and pharmaceutical environments.
Flowshield OP	A high performance, solvent free, chemical resistant, high-build epoxy resin-based flooring solution with non-slip textured aggregates.	Typically used in internal industrial areas which require additional durability and thickness.	Flowfresh MF	Flowfresh is a chemical resistant, phthalate free polyurethane cement flooring system with smooth matte coloured finish.	Typically used in a range of industrial environments such as automotive workshops and warehouses.
Flowshield CR	A highly chemical resistant, self smoothing epoxy resin floor finish suitable for dry process areas subject to chemical spillages.	Typical uses include chemical storage areas, laboratories, warehouses and printing plants.	Flowfresh SR	A heavy-duty, phthalate free, chemical resistant polyurethane cement flooring system with a semi-gloss or gloss finish.	Typically used in workshops, factories, warehousing, distribution, manufacturing facilities and chemical processing plants.



SYSTEM BUILD UPS

Flowcoat UV (0.35-1.5mm)



High performance, hard-wearing, coloured epoxy & polyurethane resin coating system designed to protect industrial floors.

- | | |
|----------------|--------------------------|
| 1 Flowprime AU | 4 Non Slip Aggregate |
| 2 Flowcoat OP | 5 Flowseal/Deckshield UV |
| 3 Flowcoat OP | |

Suitable for use as a hard wearing, protective coating for industrial areas exposed to sunlight.



UV Stable:

The coating offers resistance against harsh Ultra Violet rays.



Attractive:

Brightens up dull, dark and musty industrial environments.



Low Maintenance:

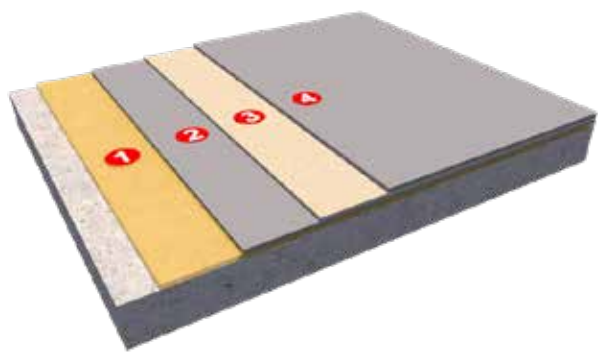
Seamless, hygienic finish, which requires low maintenance.



Resistant:

Hard wearing, durable, chemical and abrasion resistant.

Flowcoat CR (0.35-1.5mm)



A solvent free, chemical resistant epoxy coating system designed for use in processing & storage areas subject to chemical spillages.

- | | |
|----------------|----------------------------|
| 1 Flowprime AU | 3 Slip Resistant Aggregate |
| 2 Flowcoat CR | 4 Flowcoat CR |

Suitable for industrial environments which may be subjected to chemical spillages.



High Chemical Resistant:

Protects against a range of chemicals used in manufacturing processes.



Solvent Free:

Solvent free, low in VOCs and environmentally friendly.



Hygienic & Easy to Clean:

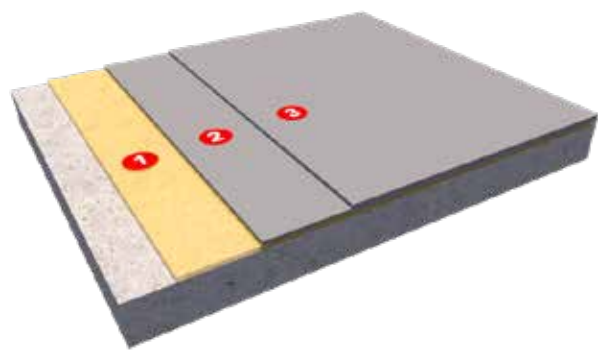
The seamless and gloss finish allows the system to be cleaned easily.



Hard-Wearing:

Hard-wearing & abrasion resistant suitable for medium to heavy traffic.

Flowcoat CR UV (0.35-1.5mm)



A high performance, solvent-free & durable epoxy resin coating which provides enhanced chemical resistance & UV protection.

- | | |
|----------------|-----------------|
| 1 Flowprime AU | 3 Deckshield UV |
| 2 Flowcoat CR | |

Suitable for industrial environments requiring high chemical resistance and UV protection like aerospace hangars.



UV Stable:

The coating offers resistance against harsh Ultra Violet rays.



Chemical Resistant:

High resistance to a large range of chemicals including Jet Fuels, Skydrol and Engine Oils.



Low Maintenance:

Seamless, hygienic finish, which requires low maintenance.



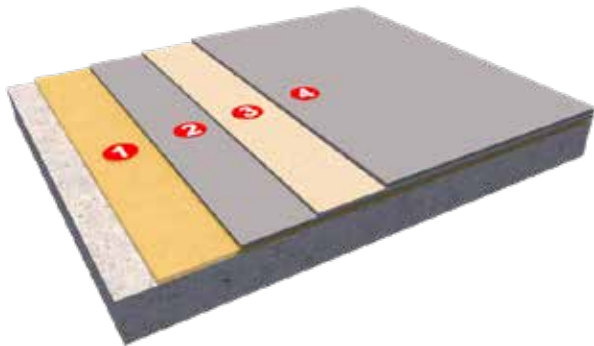
Resistant:

Hard wearing, durable and abrasion resistant.



SYSTEM BUILD UPS

Flowcoat OP (0.35-1.5mm)



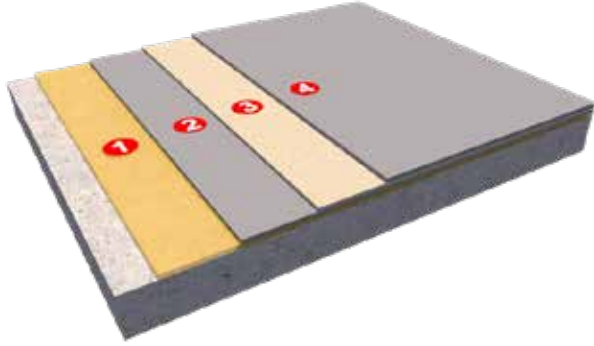
A high performance, solvent free, epoxy resin coating system designed to create a uniform "Orange Peel" surface texture.

- 1 Flowprime AU
- 2 Flowcoat OP
- 3 Slip Resistant Aggregate
- 4 Flowcoat OP

Suitable for use as a hard wearing, protective, coloured floor coating in industrial facilities.

- Chemical Resistant:** Protects against a range of chemicals used in manufacturing processes.
- Hygienic & Easy to Clean:** The seamless and gloss finish allows the system to be cleaned easily.
- Slip Resistant:** Enhanced slip resistance compared to standard "smooth" coatings.
- Hard Wearing:** Hard-wearing & abrasion resistant suitable for medium to heavy traffic.

Flowshield OP (2.5-4mm)



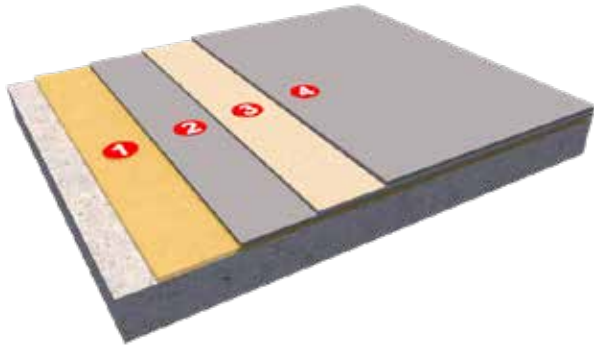
A high performance, solvent free, chemical resistant, high-build epoxy resin-based flooring solution with non-slip textured aggregates.

- 1 Flowprime AU
- 2 Flowshield SL
- 3 Non Slip Aggregate
- 4 Flowcoat OP

Suitable for use as a hard-wearing, coloured protective floor finish in industrial environments.

- Low VOC:** The coating is low in odour and Volatile Organic Compounds.
- Chemical Resistance:** Provides enhanced resistance against a range of chemicals.
- Slip Resistance:** Textured aggregates provide non slip traction underfoot.
- Durable:** Hard wearing, durable and abrasion resistant.

Flowshield CR (2.5-4mm)



A highly chemical resistant, self-smoothing epoxy resin floor finish suitable for dry process areas subject to chemical spillages.

- 1 Flowprime AU
- 2 Flowshield SL
- 3 Non Slip Aggregate
- 4 Flowcoat CR

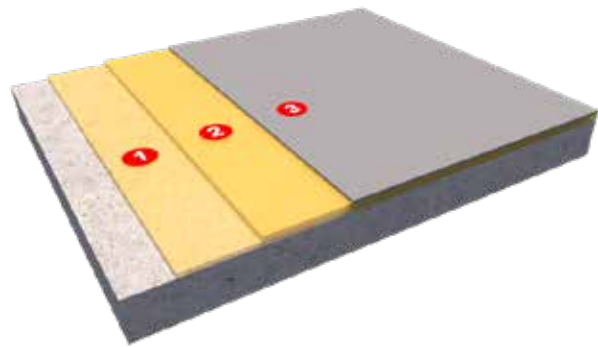
Suitable for chemical storage areas, laboratories, warehouses and printing plants.

- High Chemical Resistance:** Protects against a range of chemicals used in manufacturing processes.
- Low VOC:** Meets the requirements set out by the USDA and FDA.
- Hygienic & Easy to Clean:** The seamless and high-gloss finish allows the system to be cleaned easily.
- Hard-Wearing:** Hard-wearing & abrasion resistant suitable for medium to heavy traffic.



SYSTEM BUILD UPS

Flowshield SL (2-3mm)



A high-gloss, self-smoothing epoxy floor finish that is compliant with CSM® (Cleanroom Suitable Materials) requirements.

- 1 Flowprime AU
- 2 Flowprime AU
- 3 Flowshield SL

Suitable for cleanrooms, laboratories, warehouses and storage areas.

- Cleanroom Suitable:**
Qualified under CSM test parameters for the 3 categories shown below.
- CSM Cleanroom Suitable Material:**
Meets the requirements set out by the USDA and FDA.
- Hygienic & Easy to Clean:**
The seamless and high-gloss finish allows the system to be cleaned easily.
- Hard-Wearing:**
Hard-wearing & abrasion resistant suitable for medium to heavy traffic.

Flowshield ESD SL (2mm)



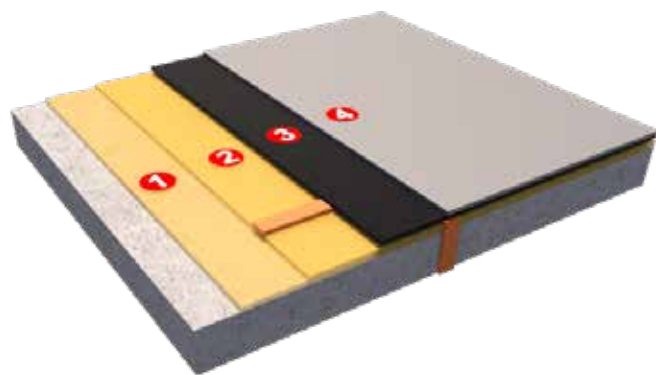
An antistatic, hard-wearing, abrasion resistant, self-smoothing gloss finish resin flooring system.

- 1 Flowprime AU Earthed Copper Tape Conductive Circuit
- 2 Flowprime ESD Conductive
- 3 Flowshield ESD SL

Suitable for sensitive environments such as electronic, laboratory, defence and clean room environments.

- Antistatic:**
Meets EN IEC 61340-5-1 antistatic standard requirements.
- Attractive:**
Brightens and enhances workspace environments.
- Low Maintenance:**
Seamless, hygienic finish, which requires low maintenance.
- Abrasion Resistant:**
Hard wearing, durable and abrasion resistant coating.

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.

- 1 Flowprime
- 2 Flowcoat SC (for 2mm+systems) Earthed Copper Tape Conductive Circuit
- 3 Flowprime ESD Conductive
- 4 Flowshield ESD BVG

Suitable for medium to heavy duty traffic areas where conductive ESD standards are required.

- Antistatic:**
Meets ANSI/ESD S2020, ASTM F150 Conductive and IEC 61340-5-1 & IEC 61340-4-5 requirements.
- Low Odour:**
Solvent free and low odour during and after application.
- High Chemical Resistance:**
Protects against a majority of chemicals used in manufacturing processes.
- Hard-Wearing:**
Hard-wearing & abrasion resistant suitable for medium to heavy traffic.



SYSTEM BUILD UPS

Flowshield UV (2.5-4mm)



A resin-based flooring solution which offers high-impact, chemical, abrasion resistance with a lightly textured UV stable finish.

- 1 Flowprime AU
- 2 Flowshield SL
- 3 Flowcoat OP
- 4 Aggregate
- 5 Flowseal/Deckshield UV

Suitable for automotive, engineering, aerospace and pharmaceutical environments.



UV Stable:

The coating offers resistance against harsh Ultra Violet rays.



Chemical Resistance:

Provides enhanced resistance against a range of chemicals.



Slip Resistance:

Textured aggregates provide light non slip traction underfoot.



Durable:

Hard wearing, durable and abrasion resistant.

Flowfresh MF (3-4mm)



A chemical resistant, phthalate free polyurethane cement flooring system with smooth matte coloured finish.

- 1 Flowfresh Coating (Primer)
- 2 Flowfresh SL

Suitable for a range of industrial environments such as automotive workshops and warehouses.



Low VOC:

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



Chemical Resistant:

Protects against attack from corrosive ingredients and cleaning agents.



Phthalate Free:

HACCP Internationally Certified and phthalate-free.



Easy to Clean:

The self-smoothing finish is easy to maintain and sterilise.

Flowfresh SR (4, 6, 9mm)



A heavy-duty, phthalate free, chemical resistant polyurethane cement flooring system with a semi-gloss or gloss finish.

- 1 Flowfresh Coating (Primer)
- 2 Flowfresh SL
- 3 Non Slip Aggregate
- 4 Flowfresh Sealer/Flowfresh Coating Satin

Suitable for workshops, factories, warehousing, distribution, manufacturing facilities and chemical processing plants.



Chemical Resistant:

against attack from corrosive ingredients and cleaning agents.



Slip Resistant:

Contains textured aggregates to provide required slip resistance.



Durable:

Tough polyurethane resin provides a hard-wearing platform underfoot.



Phthalate Free:

HACCP Internationally Certified and phthalate-free.



CONCRETE REPAIR SOLUTIONS



EUCLID CHEMICAL

TECHNICAL PROFILE

TYPE:

Clear Satin Silicate Blend

TRAFFIC READY TIME:

24 Hours

DRYING TIME:

@ 25°C, 50% RH 4 to 6 Hours

REDUCTION OF WATER PENETRATION:

RILEM Method 11.4 500%

USAGE/PURPOSE

Euco Diamond Hard is used as a dust-proof, densifier and sealer in the following typical applications:

- Warehouse Floors
- Manufacturing Plant Floors
- Distribution Centres
- Car Parks
- Commercial & Retail Floors

EUCO DIAMOND HARD



EUCLID CHEMICAL

Concrete Densifier & Hybrid Concrete Sealer

EUCO Diamond Hard is a unique blend of silicate and silicate polymers that penetrate into the concrete surfaces and chemically react to provide an increase in the surface density of the concrete. Tremco's Diamond Hard also increase the concrete's durability, abrasion resistance and longevity by reducing water's ability to penetrate the concrete surface and cause damage to the concrete.



Green Star compliant.



Minimises tyre marks.



Reduces concrete porosity to extend concrete life.



Minimal equipment needed allows for a quick and easy installation.

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



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 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

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.

TECHNICAL PROFILE

GEL TIME:

25 - 30 Seconds

TRAFFIC READY TIME:

Light Traffic: 1 Hour	Heavy Traffic: 2 Hours
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SHORE D HARDNESS:

ASTM D2240	34 to 36
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SHORE A HARDNESS:

ASTM D2240	84 to 88
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TENSILE STRENGTH AT 7 DAYS:

ASTM D412	4.6 MPa
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ELONGATION AT 7 DAYS:

ASTM D412	220% to 260%
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ADHESION TO CONCRETE AT 7 DAYS:

ASTM D4541	1.7 MPa
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Environmental and health considerations are controlled during manufacture and application of the products by Tremco CPG staff and fully trained application teams.



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 & Insulated Warm Roofing

The Pacific's leading construction products brands...



Part of



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[/company/flowcreteaustralia](https://company/flowcreteaustralia)

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