



FLOWSPORTS AQUATIC FLOORING

- ▶ Abrasion, slip and chemical resistant decorative resin flooring for aquatic and leisure environments.

Welcome to Flowcrete Australia

Flowcrete Australia is a world leader in the manufacture of seamless resin flooring systems for application in both industrial and commercial environments.

Flowcrete Australia has a fresh approach to flooring and is constantly looking to introduce world-class systems, which offer clients a number of performance advantages while at the same time make floors much more than a surface to walk on.

Flowcrete Australia is dedicated to innovating sustainable flooring materials and using the planet's resources responsibly across all operations to ensure a more positive impact on the construction industry and a greener world at our feet.

The company's facilities in Brisbane and Sydney serve expanding business opportunities across Australia, New Zealand and the Pacific Islands. Flowcrete Australia continues to develop a significant presence in the Australian resin flooring market.

Application Suitability



Pool Surrounds



External Walkways



Foyers and Receptions



Amenities



Cafeterias



Plant and Maintenance Rooms

Technical Profile

FIRE RESISTANCE	
EN 13505-1	C _{FL} -s1
SLIP RESISTANCE*	
Method described in AS4586-2013	Dry & Wet Rating is dependent on specification
BOND STRENGTH	
ASTM D4541 (Pull-Off Test)	> 1.5 MPa
SPEED OF CURE (PER COAT)**	
Walk On	1 hour
Full Traffic & Chemical Cure	2-3 hours

*The slipperiness of flooring materials can change significantly, due to the installation process, after short periods of use, due to inappropriate maintenance, longer-term wear and/or surface contaminants (wet or dry). Textured systems are recommended to meet slip resistance value requirements for wet conditions and/or surface contaminants (wet or dry) — please contact our Technical Advisors for further details. **Cure times at temperatures between 0–30 °C can be achieved by altering the quantity of catalyst used. For applications falling outside of this temperature range, please contact your local Flowcrete Technical Department.

Flowsports ED Rapide (4 mm)

Flowsports ED Rapide is a flexible MMA based deck coating which provides a colourful, watertight, durable surface for exposed decks.

Typically used to cosmetically enhance and protect external pool surrounds and walkways.



Fast track application, dramatically reducing program time



Provides fire, slip, abrasion and chemical resistance



Features non-slip aggregates to provide traction underfoot



Brightens up dull, dark and old environments



Flowsports SRQ

A durable, non-slip, decorative resin flooring system — in both epoxy and PU formulations — that delivers an attractive quartz finish in leisure facilities.

Flowsports SRQ Rapide — a methy-methacrylate based formulation — is available for leisure and aquatic clients who require a new, high performance flooring solution under a fast turnaround.



Chemical Resistant:

Provides high resistance against a range of chemicals.



Slip Resistant:

Textured aggregates provide non slip traction underfoot.



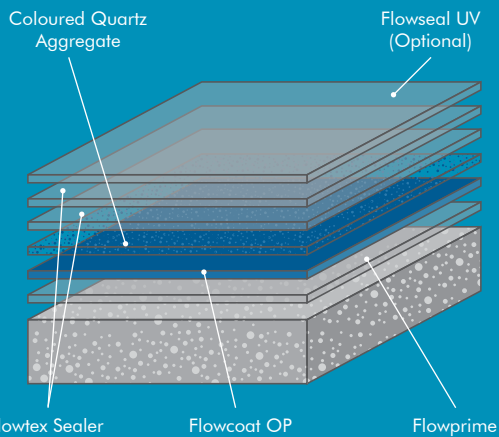
Decorative:

Contains attractive coloured quartz aggregates.



Durable:

Hard wearing, durable and abrasion resistant.



System diagram shown for Flowsports SRQ shown. For full technical information, contact your local Technical Department.



Technical Profile: Flowsports SRQ

	Flowsports SRQ	Flowsports SRQ Rapide		Flowsports SRQ PU	
	2 mm	2 mm	3 mm	4 mm	6 mm
FINISH	Gloss	Satin		Satin	
FIRE RESISTANCE EN 13501-1**	B _{FL} -s1	CHF Value: 2.9 kW/m ² Smoke Value: 26% min (Mean) (AS/ISO 9239-1)		B _{FL} -s1	
SLIP RESISTANCE* Method described in AS4586-2013	Dry & Wet Rating is dependent on specification	Dry & Wet Rating is dependent on specification		Dry & Wet Rating is dependent on specification	
TEMPERATURE RESISTANCE	Up to 60°C	Up to 70°C		Up to 70°C	
WATER PERMEABILITY Karsten Test	Nil	Nil		Nil	
MOISTURE TOLERANCE ASTM F2170 (AS1884:2012)	Substrate should be dry to 75% RH	Substrate should be dry to 75% RH		Substrate should be dry to 95% RH	
ABRASION RESISTANCE Taber Abrader**	-	Class AR1 (BS 8204-2)		0.1 g loss per 1000 cycles (1 kg using CS17 wheels)	
COMPRESSIVE STRENGTH EN 13892-2	-	50 N/mm ²		>50 N/mm ²	
BOND STRENGTH ASTM D4541 (Pull-Off Test)	> 1.5 MPa	> 1.5 MPa		> 1.5 MPa	
FLEXURAL STRENGTH EN 13892-2	15 N/mm ²	20 N/mm ²		>20 N/mm ²	
TENSILE STRENGTH BS 6319	10 N/mm ²	15 N/mm ²		7 N/mm ²	
IMPACT RESISTANCE ISO 6272**	1 kg weight > 1.8m 2 kg weight > 1.5m	10 Nm (EN ISO 6272)		15 Nm (EN ISO 6272)	
CHEMICAL RESISTANCE	Contact Technical Department	Contact Technical Department		Contact Technical Department	
SPEED OF CURE*** Full Chemical Cure at 20°C	6 days	1 hour (per coat)		2–3 hours (after seal coat)	

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Technical Profile

FIRE RESISTANCE

EN 13505-1

B_{FL}-s1

SLIP RESISTANCE*

Method described in
AS4586-2013

Dry & Wet Rating is
dependent on specification

TEMPERATURE RESISTANCE

Softens over 70°C, hardens on cooling

BOND STRENGTH

ASTM D4541 (Pull-Off Test)

> 1.5 MPa

UV RESISTANCE

Excellent (Non Yellowing)

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Flowsports ID (1.5 mm)

A polyurethane resin-based deck coating system offered in a range of solid colour finishes and a non-slip profile.

Typically used to enhance and protect internal pool surrounds and walkways.



100% UV light stable and resistant, non yellowing



Brightens up dull, dark and old environments



Features non-slip aggregates to provide traction underfoot



Hard wearing, durable, chemical and abrasion resistant





Technical Profile

FIRE RESISTANCE

EN 13505-1

B_{FL}-s1

SLIP RESISTANCE*

Method described in AS4586-2013

Dry & Wet Rating is dependent on specification

TEMPERATURE RESISTANCE

Softens over 70°C, hardens on cooling

BOND STRENGTH

ASTM D4541 (Pull-Off Test)

> 1.5 MPa

UV RESISTANCE

Excellent (Non Yellowing)

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Flowports ED (2.5 mm)

Flowports ED is a pigmented, slip resistant, flexible, crack-bridging, waterproof polyurethane deck coating.

Typically used for waterproofing and protecting pool surrounds and walkways.



100% UV light stable and resistant, non yellowing



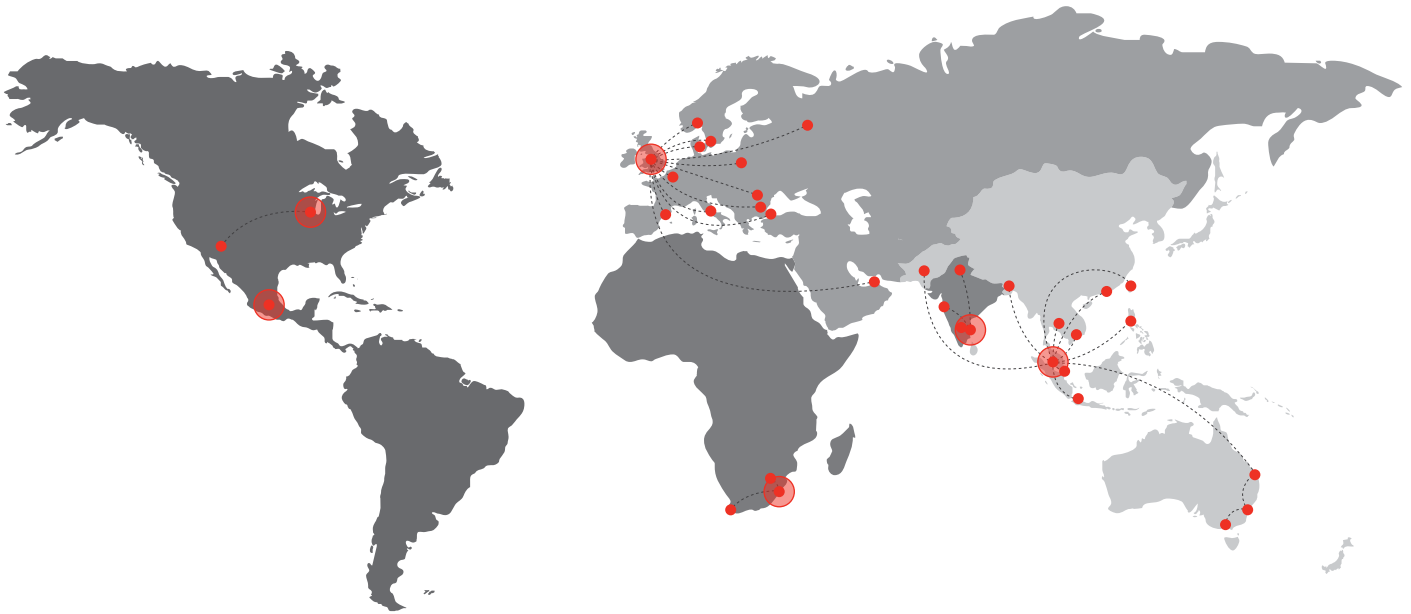
Crack bridging to UNE-EN 1062-7:2004 Method B - B.3.2



Excellent resistance to engine oil, battery acid, fuel and hydraulic fluid



Water resistant and waterproof trafficable deck coating system



Flowcrete

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