

**Flowcrete**  
for the world at your feet

**COMMERCIAL**

Combine colour, performance and design to deliver a durable floor finish in commercial venues and retail environments.

Part of  
**TREMCO**  
Construction Products Group

[www.flowcreteaustralia.com.au](http://www.flowcreteaustralia.com.au)

# Commercial Flooring Technical Profile

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Flowcrete's Commercial Flooring range has been developed to deliver the ultimate in aesthetic appeal, without compromising on performance.

Available in a range of attractive finishes, from luxurious terrazzo and stone look systems to unique metallic surfaces, our seamless resin flooring solutions provide an appealing platform underfoot.

Durable formulations take heavy footfall and exposure to detergents and corrosive agents in their stride, ideally suited to busy public venues that might be subject to spillages and daily cleaning regimes.

Added benefits of impressive slip resistance, noise reduction and versatility result in a range of flooring solutions perfect for a variety of commercial environments.

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## Application Suitability



Retail Boutiques



Shopping Centres



Stadiums & Arenas



Airports & Terminals



Educational Facilities



Automotive Showrooms



# Flowcoat Terroso Smooth (1 mm)

Is a highly decorative, durable, resin-based flooring system featuring decorative flake blends encapsulated in a satin seal coat.

Typically used in public areas, schools, cafés, boutiques, office receptions and foyers.



### Decorative:

Featuring decorative coloured acrylic flake blends within the resin matrix. Available in a Gloss or Satin finish



### Easy to Clean:

Seamless and hygienic finish is easy to clean and maintain.



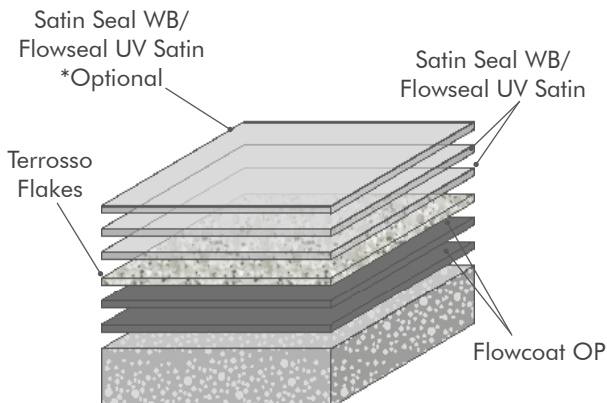
### Chemical Resistant:

Provides resistance against a range of chemicals.



### Durable:

Hard wearing, durable and abrasion resistant.



## Technical Profile

FIRE RESISTANCE - AS/ISO 9239.1			
CHF Value	- kW/m <sup>2</sup>		
HF-30 Value	- kW/m <sup>2</sup>		
Smoke Value	19% (Mean)		
SLIP RESISTANCE*			
Method described in AS4586-2013	>P1		
TEMPERATURE RESISTANCE			
Tolerant up to 65°C			
WATER PERMEABILITY			
Karsten Test	Nil (Impermeable)		
SURFACE HARDNESS			
Koenig Hardness Test	180secs		
BOND STRENGTH**			
ASTM D4541 (Pull-Off Test)	> 1.5MPa		
ABRASION RESISTANCE			
Taber Abrader BS8204-2 1kg load using CS10 wheels	80mg loss per 1000 cycles Grade AR2		
COMPRESSIVE STRENGTH			
BS6319	>60 N/mm <sup>2</sup>		
FLEXURAL STRENGTH			
BS6319	>40 N/mm <sup>2</sup>		
TENSILE STRENGTH			
BS6319	> 15 N/mm <sup>2</sup>		
VOC****			
ASTM D2369-10: 2015	< 140 g/L		
SPEED OF CURE***			
	10 °C	20 °C	30 °C
Foot Traffic	48 h	24 h	18 h
Vehicular Traffic	96 h	72 h	48 h
Full Chemical Cure	12 d	7 d	6 d

\*\*Assume concrete or substrate is a minimum of 25 N/mm<sup>2</sup>.

\*\*\*These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

\*\*\*\*Low VOC when using Satin Seal WB.

# Flowcoat Terroso

## Light Non-Slip (1.5 mm)

A highly decorative, durable, resin-based flooring system featuring decorative flake blends and light non-slip aggregates.

Typically used in public areas, schools, cafés, boutiques, office receptions and foyers.



### Decorative:

Featuring decorative coloured acrylic flake blends within the resin matrix. Available in a Gloss or Satin finish



### Easy to Clean:

Seamless and hygienic finish is easy to clean and maintain.



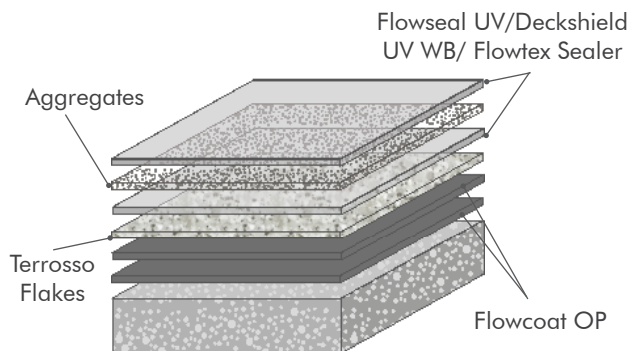
### Non Slip:

Textured aggregates provide a light non slip finish.



### Durable:

Hard wearing, durable and abrasion resistant.



## Technical Profile

FIRE RESISTANCE - AS/ISO 9239.1			
CHF Value	- kW/m <sup>2</sup>		
HF-30 Value	- kW/m <sup>2</sup>		
Smoke Value	19% (Mean)		
SLIP RESISTANCE*			
Method described in AS4586-2013	>P4 (Based on 60 mesh white aluminium oxide)		
TEMPERATURE RESISTANCE			
Tolerant up to 65°C			
WATER PERMEABILITY			
Karsten Test	Nil (Impermeable)		
SURFACE HARDNESS			
Koenig Hardness Test	180secs		
BOND STRENGTH**			
ASTM D4541 (Pull-Off Test)	> 1.5MPa		
ABRASION RESISTANCE			
Taber Abrader BS8204-2 1kg load using CS10 wheels	80mg loss per 1000 cycles Grade AR2		
COMPRESSIVE STRENGTH			
BS6319	>60 N/mm <sup>2</sup>		
FLEXURAL STRENGTH			
BS6319	>40 N/mm <sup>2</sup>		
TENSILE STRENGTH			
BS6319	> 15 N/mm <sup>2</sup>		
VOC CONTENT****			
ASTM D2369-10: 2015	< 140 g/L		
SPEED OF CURE***			
	10°C	20°C	30°C
Foot Traffic	48 h	24 h	18 h
Vehicular Traffic	96 h	72 h	48 h
Full Chemical Cure	12 d	7 d	6 d

\*\*Assume concrete or substrate is a minimum of 25 N/mm<sup>2</sup>.

\*\*\*These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

# Flowfast SRQ

## Satin (2-3 mm)

A highly decorative, UV, wear and chemical resistant resin-based flooring system featuring a decorative stone look blend.

Typically used in areas with heavy foot traffic including stadiums, arenas, malls and airports.



### Decorative:

Featuring decorative coloured stone look blends within the resin matrix.



### Easy to Clean:

Seamless and hygienic finish that is easy to clean and maintain.



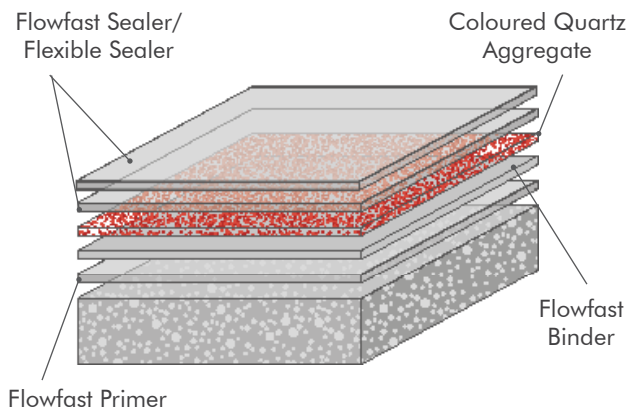
### Chemical Resistant:

Provides resistance against a range of chemicals.



### Durable:

Hard wearing and abrasion resistant against heavy foot and trolley traffic.



## Technical Profile

FIRE RESISTANCE - AS/ISO 9239.1	
CHF Value	2.9 kW/m <sup>2</sup>
Smoke Value	26% (Mean)
SLIP RESISTANCE	
Method described in AS4586-2013	>P4 (Based on Coloured Quartz 20/40 aggregate)
TEMPERATURE RESISTANCE	
Tolerant of sustained temperatures up to 70°C	
WATER PERMEABILITY	
Karsten Test	Nil (impermeable)
CHEMICAL RESISTANCE	
Contact Technical Department	
ABRASION RESISTANCE	
BS8204:Part 2:2002	Class AR2 - Medium duty industrial and commercial
COMPRESSIVE STRENGTH	
EN 13892-2	60 N/mm <sup>2</sup>
FLEXURAL STRENGTH	
EN 13892-2	20 N/mm <sup>2</sup>
TENSILE STRENGTH	
BS6319	15 N/mm <sup>2</sup>
IMPACT RESISTANCE	
EN ISO 6272	10 Nm
BOND STRENGTH	
ASTM D4541 (Pull-Off Test)	> 1.5MPa
VOC CONTENT	
ASTM D2369-10: 2015	< 140 g/L
SPEED OF CURE*	
Walk On	1 hr
Full Traffic & Chemical Cure	2 - 3 hrs

\*These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity. Textured systems are recommended to meet slip resistance value requirements for wet conditions and/or surface contaminants (wet/dry). Please contact our Technical Advisers for further details.



# Flowfast Terrosso

(2-2.5 mm)

A rapid curing, decorative, durable MMA floor finish that transforms commercial and industrial environments.

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



## Rapid Curing:

MMA additives speed up cure time, reducing construction schedules.



## Slip Resistant:

Provides a slip resistant platform under foot.



## Versatile:

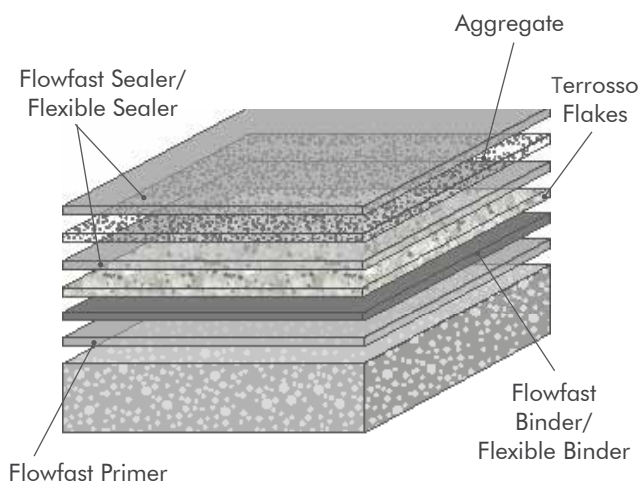
Can be laid over existing hard surfaces such as tiles or terrazzo.



## Resistant:

Holds its own against impact, traffic and chemical attack.

Available in Smooth or Non Slip finishes.



## Technical Profile

FIRE RESISTANCE - AS/ISO 9239.1	
CHF Value	3.6 kW/m <sup>2</sup>
Smoke Value	13% (Mean)
SLIP RESISTANCE	
Method described in AS4586-2013	>P3 (Based on 46 Mesh White Aluminium Oxide)
TEMPERATURE RESISTANCE	
Tolerant of sustained temperatures up to 50°C	
WATER PERMEABILITY	
Karsten Test	Nil (impermeable)
CHEMICAL RESISTANCE	
Contact Technical Department	
ABRASION RESISTANCE	
BS8204:Part 2:2002	Class AR2 - Medium duty industrial and commercial
COMPRESSIVE STRENGTH	
EN 13892-2	60 N/mm <sup>2</sup>
FLEXURAL STRENGTH	
EN 13892-2	20 N/mm <sup>2</sup>
TENSILE STRENGTH	
BS6319	15 N/mm <sup>2</sup>
IMPACT RESISTANCE	
EN ISO 6272	10 Nm
BOND STRENGTH	
ASTM D4541 (Pull-Off Test)	> 1.5MPa
VOC CONTENT	
ASTM D2369-10: 2015	< 140 g/L
SPEED OF CURE*	
Walk On	1 hr
Full Traffic & Chemical Cure	2 - 3 hrs

\*These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity. Textured systems are recommended to meet slip resistance value requirements for wet conditions and/or surface contaminants (wet/dry). Please contact our Technical Advisers for further details.





# Mondéco Rapide

(8 mm)

Is an innovative, rapid curing, seamless, resin-based decorative terrazzo floor finish which features Australian marble aggregates.

Typically used in high-end commercial developments, airports and shopping centres.



### Flexible Design:

Offers extensive design potential to deliver the wow-factor underfoot.



### Rapid Installation:

Quick curing properties reduce downtime during installation.



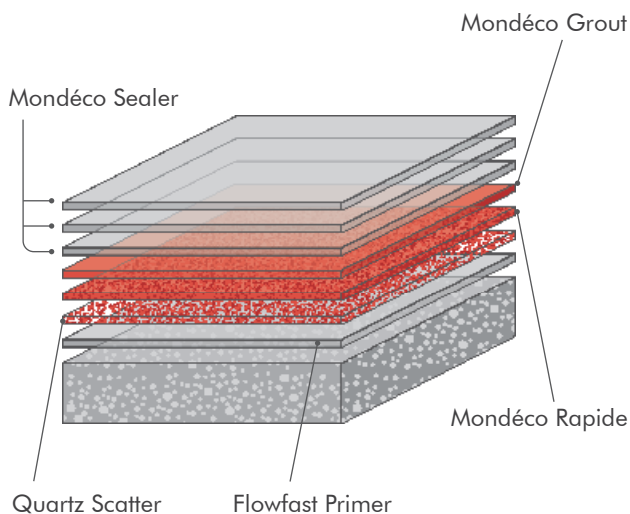
### Versatile:

Can be overlaid onto tiles making it ideal for refurbishments.



### Aesthetically Attractive:

Features local Australian marble chip aggregates that provide a luxury finish.



## Technical Profile

### FIRE RESISTANCE - AS/ISO 9239.1

CHF Value	5.7 kW/m <sup>2</sup>
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Smoke Value	<4 % (Mean)
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### SLIP RESISTANCE

Method described in AS4586-2013	P1-P5 Dry & Wet Rating is dependant on specification (in accordance with AS4586-2013)
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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

### TEMPERATURE RESISTANCE

Tolerant of sustained temperatures up to 60°

### WATER PERMEABILITY

Karsten Test	Nil (impermeable)
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### CHEMICAL RESISTANCE

Contact Technical Department

### IMPACT STRENGTH

ISO 6272-1	10 Nm
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### WEAR RESISTANCE

EN 13892-4	Max. wear depth < 5µm
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### BOND STRENGTH

ASTM D4541 (Pull-Off Test)	> 1.5MPa*
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### SPEED OF CURE\*\*

Light Traffic	1 hr
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Full Traffic	2-3hrs
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Full Chemical Cure	2-3hrs
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These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity. Textured systems are recommended to meet slip resistance value requirements for wet conditions and/or surface contaminants (wet/dry). Please contact our Technical Advisors for further details.

\*Assume concrete or substrate is a minimum of 25 N/mm<sup>2</sup>.



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