

Flowshield Stone (3-4mm)

Is 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 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

EN 13505-1

B_{FL} - s1

SLIP RESISTANCE

Method described in AS4586-2013

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

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

THERMAL RESISTANCE

Tolerant of sustained temperatures up to 60°C

WATER PERMEABILITY

Karsten Test

Nil (Impermeable)

BOND STRENGTH

ASTM D4541 (Pull-Off Test)

> 1.5MPa*

ABRASION RESISTANCE

Taber Abrader BS8204:Part 2:2002

Class AR2 - Medium duty industrial and commercial

IMPACT RESISTANCE

ISO 6272

1kg weight > 1.8 m
2kg weight > 1.5 m

FLEXURAL STRENGTH

BS 6319

15 N/mm²

TENSILE STRENGTH

BS 6319

10 N/mm²

CHEMICAL RESISTANCE

Contact Technical Department

SPEED OF CURE**

Light Traffic

10°C

20°C

30°C

Full Traffic

Full Chemical Cure

36 hrs

48 hrs

12 days

24 hrs

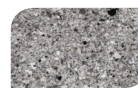
36 hrs

7 days

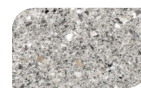
24 hrs

6 days

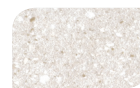
These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity. Textured systems are recommended to meet slip resistance value requirements for wet conditions and/or surface contaminants (wet/dry). Please contact our Technical Advisors for further details. *Assume concrete or substrate is a minimum of 25 N/mm².



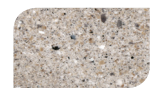
Dark Granite



Light Granite



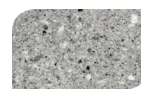
Limestone



Red Stone



Natural Stone



Blue Stone

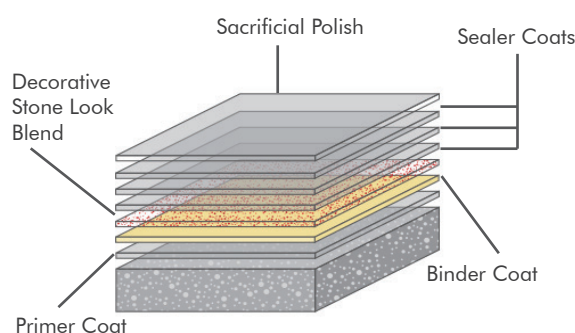
The applied colours may differ from the examples shown. For a full colour chart and samples, contact your local Flowcrete office.

Model Specification

System	Flowshield Stone
Finish	Satin
Thickness	3-4mm
Manufacturer	Flowcrete Australia Pty Ltd
Contact	+ 61 7 3205 7115

Preparatory work and application in accordance with manufacturer's instructions.

System Design



Products Included In This System

Layer 1	Primer Coat
Layer 2	Binder Coat
	Decorative Stone Look Blend
Layer 3	Seal Coat
Layer 4	Seal Coat
Layer 5	Seal Coat
Layer 6	Sacrificial Polish

Coving

Coving can form an integral part of the flooring system. It creates a sealed finish between the floor and wall joint. Please refer to Flowtex F1 Coving Mortar for further information.

Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm², free from laitance, dust and other contamination. Substrate

should be dry to 75% RH as per ASTM F2170 (AS1884:2012).

Installation Service

The installation should be carried out by a qualified contractor with a documented quality assurance scheme. For details of our recommended contractors, contact your local Flowcrete office. Detailed application instructions are available upon request.

Environmental Considerations

The finished system is assessed as non-hazardous to health and the environment. The long service life and seamless surface reduce the need for repairs and maintenance. Environmental and health considerations are controlled during manufacture of the products by Flowcrete staff.

Aftercare, Cleaning & Maintenance

Clean regularly using a single or double headed rotary scrubber drier in conjunction with a mildly alkaline detergent. Please refer to Flowcrete's Cleaning & Maintenance Guide for further information.

Warranty

Flowcrete products are guaranteed against defective materials and manufacture and are sold subject to our standard 'Warranty, Terms and Conditions of Sale', copies of which can be obtained on request. Warranty does not cover suitability, fit for purpose or any consequential or related damages. Please review warranty in detail before installing the products.