

Kristalina (1.5-3mm)

A decorative, easy to clean, epoxy/pu resin floor system with a smooth, attractive finish for a contemporary aesthetic.

Typically used in busy commercial spaces such as shops, cafés, bars and restaurants.



Attractive:

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



Resistant:

Holds its own against impact, traffic and chemical attack.



Easy to Clean:

Delivers a hygienic seam-free surface that is easy to clean and maintain.



Bespoke:

Available in the standard colour range or bespoke blends.

Technical Profile

FIRE RESISTANCE

EN 13501-1

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)

CHEMICAL RESISTANCE

Contact Technical Department

ABRASION RESISTANCE

BS8204:Part 2:2002

Class AR2

FLEXURAL STRENGTH

BS6319

15 N/mm²

TENSILE STRENGTH

BS6319

10 N/mm²

BOND STRENGTH

ASTM D4541 (Pull-Off Test)

> 1.5MPa*

IMPACT RESISTANCE

ISO 6272

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

SPEED OF CURE**

10 °C

20 °C

30 °C

Light Traffic

36 hrs

24 hrs

16 hrs

Full Traffic

72 hrs

48 hrs

36 hrs

Full Chemical Cure

12 days

7 days

6 days

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

*Assume concrete or substrate is a minimum of 25 N/mm².



Volcanic Ash



Aztec



Opal



Pewter



Blue Metal



Moss

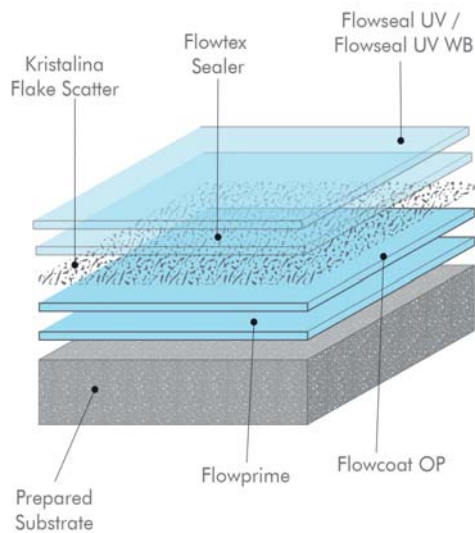
The applied colours may differ from the examples shown.
For a full colour chart and samples, contact your local Flowcrete office.

Model Specification

System	Kristalina
Finish	Satin/Gloss
Thickness	Dependant on Specification
Manufacturer	Flowcrete
Contact	+61 7 3205 7115

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

System Design



Products Included In This System

Layer 1	Flowprime
Layer 2	Flowcoat OP
	Kristalina Flake Scatter
Layer 3	Flowtex Sealer
Layer 4	Flowseal UV / Flowseal UV WB

Coving

Coving forms 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 laitence, dust and other contamination. Substrate should be dry to 75% RH as per AS1884-2012. Must be free from rising ground moisture or must have an effective DPM in place.

Installation Service

The installation should be carried out by a experienced 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 and application of the products by Flowcrete staff and fully trained application teams.

Aftercare, Cleaning & Maintenance

Please refer to Flowcrete Australia's current Cleaning and Maintenance Recommendations Guide.

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.

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N.B.

1. Light colours may require additional coats to achieve desired results.
2. Flowcrete assumes no responsibility for the application of incorrect colour.
3. It is recommended that top coat colours match base coat colours to achieve desired results.
4. This product is not UV stable and will discolour unless otherwise stated.
5. Technical Data Sheet to be read in conjunction with Method Statements and Product Data Sheets.

www.flowcreteaustralia.com.au