Flowcrete
for the world at your feet

Deckshield UV (0.07 - 0.1mm)

Deckshield UV is a high performance, UV stable, two pack polyurethane sealer, available in clear or standard colours.

Typically used as a UV stable seal coat applied to concrete, screeds or epoxy resin systems.

Technical Profile

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 up to 70°C			
WATER PERMEABILITY			
Karsten Test	Nil (Impermeable)		
SURFACE HARDNESS			
Koenig Hardness Test	180secs		
CHEMICAL RESISTANCE			
Contact Technical Department			
UV LIGHT RESISTANCE			
Excellent			
BOND STRENGTH			
ASTM D4541 (Pull-Off Test)	>1.5MPa*		
ABRASION RESISTANCE			
Taber Abrader BS8204: Part 2 Grade AR2	0.1g loss per 1000 cycles 1kg load using CS10 wheels		
SPEED OF CURE**	**10°C**	**20°C**	**30°C**
Light Traffic	36 hrs	24 hrs	16 hrs
Full Traffic	48 hrs	36 hrs	24 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.

UV Resistant:
High UV Resistance, Meaning That Colours Stay Vibrant for Longer.

Hard Wearing:
A Hard Wearing, Durable and Abrasion Resistant Seal Coat.

Chemical Resistant:
High Chemical Resistance Against a Range of Chemicals.

Aesthetically Attractive:
Bold, Vibrant Colours Stand Out on Substrates and Boost Safety.

Light N Grey | Steel Grey | Charcoal | Tile Red

Light Green | Dark Green | Steel Blue | Mid Blue

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

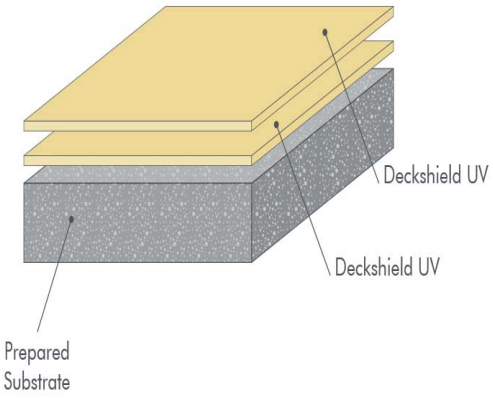
FeRFA

Model Specification

System	Deckshield UV
Finish	Gloss/Textured
Thickness	Dependant on Specification
Manufacturer	Flowcrete
Contact	+61 7 3205 7115

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

System Design



Products Included In This System

Layer 1	Deckshield UV*
Layer 2	Deckshield UV*
*Coverage rates are dependant on specification, consult Flowcrete for advice.	

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.

ALTEX COATINGS LTD
Altex Coatings Ltd is an authorised distributor of Flowcrete Australia in New Zealand.

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