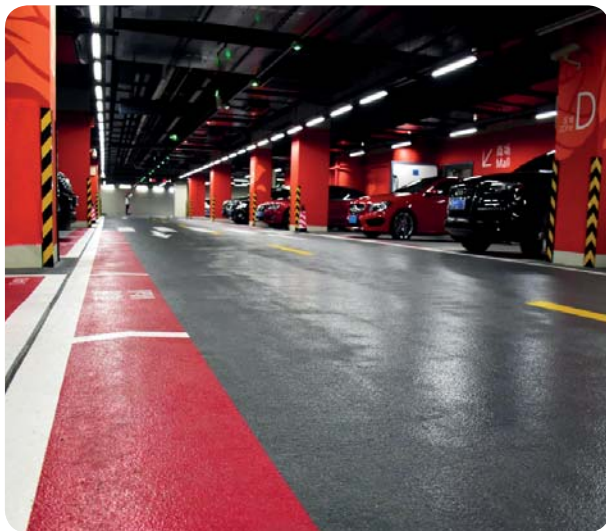




Deckshield ID (1.5mm)

A low VOC, flexible polyurethane deck coating system that transforms intermediate decks of multi-storey parking structures.

Typically used to cosmetically enhance, reduce noise, protect and brighten internal car parks.



Environmentally Friendly:

Low in Volatile Organic Compounds (VOCs) and solvent free.



Attractive:

Brightens up dull, dark and musty car parks and suspended floors.



Resistant:

Resistance to chemicals, fire and has a low slip potential.



Reduces Noise:

Minimises unwanted noise from tyre squeal.



Technical Profile

FIRE RESISTANCE

EN13501-1

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

TEMPERATURE RESISTANCE

Softens over 70°C

Hardens on cooling

WATER PERMEABILITY

Karsten Test

Nil (Impermeable)

RESISTANCE TO CHLORIDE IONS

DOT BD47/94: Appendix B Method B4, 2 (d)

No chloride ion penetration after 28 days.

BOND STRENGTH

ASTM D4541 (Pull-Off Test)

> 1.5MPa*

ABRASION RESISTANCE

Taber Abrader ASTM D4060

0.1mg loss per 1000 cycles 1kg load using CS17 wheels

CHEMICAL RESISTANCE

Contact Technical Department

VOC CONTENT

ISO11890-2

Very Low < 20 g/L

ENVIRONMENTALLY FRIENDLY

Green Label certified – 032-089 Environmentally Preferred Coating

UV LIGHT RESISTANCE

Excellent (Non-yellowing)

SPEED OF CURE**

10 °C

20 °C

30 °C

Light Traffic

30 hrs

18 hrs

12 hrs

Full Traffic

36 hrs

48 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.

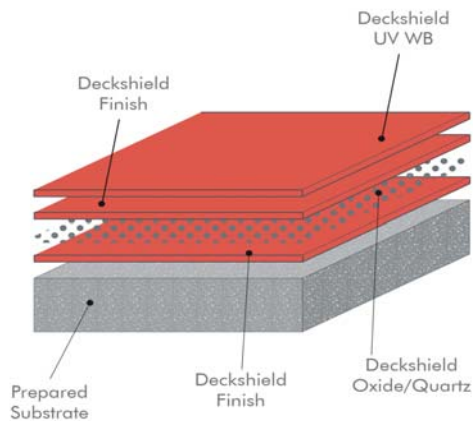
*Assume concrete or substrate is a minimum of 25 N/mm².

Model Specification

System	Deckshield ID
Finish	Textured
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	Deckshield Finish
	Deckshield Oxide/Quartz
Layer 2	Deckshiled Finish
Layer 3	Deckshield 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.