

Deckshield ED Rapide (4mm)

Deckshield ED Rapide is a flexible MMA car park deck coating providing a colourful, watertight, durable surface for exposed decks.

Typically used to cosmetically enhance and protect external and multi-storey car parks.



Rapid Curing:

Fast track application, dramatically reducing program time.



Resistant:

Provides fire, slip, abrasion and chemical resistance.



Noise Reduction:

Higher textured finishes reduce tyre squeal.



Colourful:

Aesthetically attractive to brighten dark, dull car parks.

Technical Profile

FIRE RESISTANCE

EN 13501-1

C_{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

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

300mg loss per 1000 cycles
1kg load using CS17 wheels

CRACK-BRIDGING

BS EN 1062-7 Method A Table 6

Class A3 (-20°C)

CHEMICAL RESISTANT

Contact Technical Department. Resistant to petrol, diesel, antifreeze, hydraulic fluid, chlorides and battery acids.

SPEED OF CURE**

PER COAT

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.

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



Black



Blue



Crimson



Green



K-Grey



Graphite Grey



Light N Grey



Yellow

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

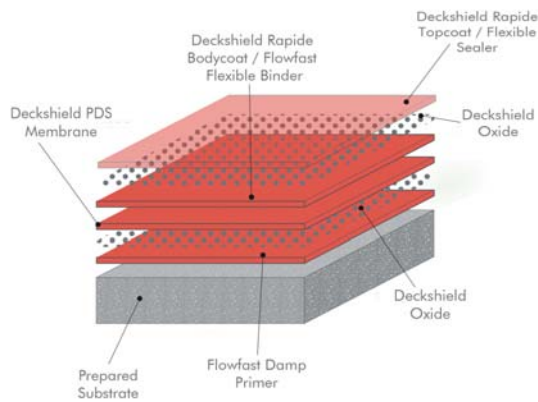
**Cure times at temperatures between 0–30 °C can be achieved by altering the quantity of catalyst used.
For applications falling outside of this temperature range, please contact your local Flowcrete Technical Department.

Model Specification

System	Deckshield ED Rapide
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	Flowfast Damp Primer
	Deckshield Oxide
Layer 2	Deckshield PDS Membrane
Layer 3	Deckshield Rapide Bodycoat / Flowfast Flexible Binder
Layer 4	Deckshield Oxide
Layer 5	Deckshield Rapide Topcoat / Flexible Sealer

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 laitance, dust and other contamination. Substrate should be dry to 95% RH as per BS8204. The system is designed to cope with construction moisture but is not designed to resist hydrostatic water pressure. In such circumstances external tanking or pressure relief, by e.g. directed drainage, must be provided to the structure. Should not be applied if there is an existing sub-slab DPM.

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. Technical Data Sheet to be read in conjunction with Method Statements and Product Data Sheets.

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