

Deckshield Rapide ED

A fast cure MMA deck coating system for use on external or exposed decks of multi-story parking structures.



Fast Cure:

Accelerates cure time, providing a fully operational surface in just 60 minutes.



Slip Resistance:

Positively textured anti-slip surface minimises slip and skid risks.



Chemical Resistant:

Protects against diesel, fuel, antifreeze, hydraulic fluid, chlorides and battery acid.



Noise Reducing:

Enhanced traction underfoot minimises unpleasant noise from tyre squeal.



UV Resistant:

100% UV stable formulation available to prevent the floor from yellowing.



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

Technical Profile

CAPILLARY ABSORPTION & WATER PERMEABILITY

EN 1062-3	w < 0.1 kg/m ² x h ^{0.5}
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RESISTANCE TO CHLORIDE IONS

DOT BD47/94: Appendix B, Method B4, 2(d)	No chloride ion penetration after 28 days
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IMPACT RESISTANCE

EN ISO 6272-1	Class II: ≥ 10Nm
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CRACK BRIDGING

EN 1062-7 Method A, Table 6	Class A3 (-20°)
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SLIP / SKID RESISTANCE

EN 13036-4	Class III: >55 units wet
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ABRASION RESISTANCE

EN ISO 5470-1	<3000mg using H22 wheel, 1000 cycles, load 1000g
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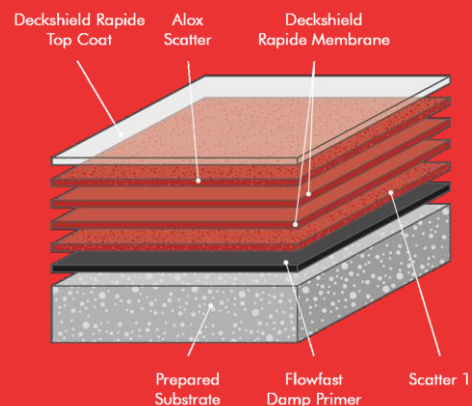
ARTIFICIAL WEATHERING

EN 1062-11:2002	No blistering, no cracking and no flaking after 2000 hours of accelerated UV exposure
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* These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

SPEED OF CURE**	10°C	20°C	30°C
Light Traffic	60 min	45 min	45 min
Full Traffic	90 min	60 min	60 min
Full Chemical Cure	120 min	90 min	90 min

* Assumes concrete compressive strength is greater than 25 N/mm²



** 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 Rapide ED
Finish	Satin Matt
Thickness	4-5mm
Colour	See standard colour chart

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

Products Included in this System

Primer	Flowfast Damp Primer
Scatter	Scatter 3
Membrane	Deckshield Rapide Membrane
Membrane	Deckshield Rapide Membrane
Scatter	Alox Scatter
Topping	Deckshield Rapide Topcoat

Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/mm², and maintain a minimum tensile strength of 1.5 MPa, free from laitance, dust and other contamination. The substrate should have a moisture content of no more than 5%.

Installation Service

This installation should be carried out by an Approved Applicator. For details of our Approved Applicators, contact our regional office. Detailed application instructions are available upon request.

Aftercare, Cleaning & Maintenance

Clean regularly using a single or double headed rotary scrubber drier in conjunction with a mildly alkaline detergent.

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.

Focus on the Floorzone

Flowcrete is a market leader in specialist industrial and commercial flooring. Systems available include: floor screeds, surface damp proof membranes, decorative flooring, seamless terrazzo, car park deck coatings, tank lining systems ... to name just a few. Our objective is to satisfy your Floorzone needs.

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.