

Deckshield ID Rapide



Description

Deckshield ID Rapide is a methyl methacrylate car park deck coating system providing a colourful watertight, hard wearing surface for intermediate decks of multi-storey, basement and other trafficable suspended floors.

Deckshield ID Rapide has been developed to enable very fast track applications, therefore dramatically reducing program time.

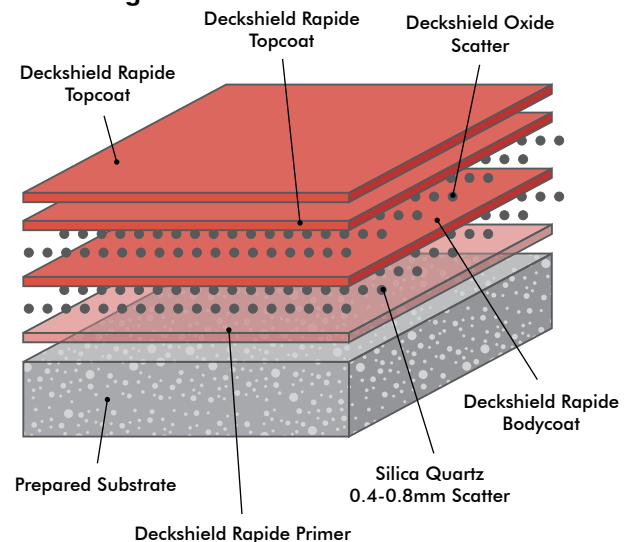
Uses

To cosmetically enhance, reduce noise, and make multi-storey car parks and suspended floors brighter, safer environments to visit. Deckshield is suitable for refurbishment of existing car parks and new construction projects.

Benefits

- Fast curing and rapid installation
- Aesthetically attractive – brightens up dull, dark, musty car parks
- Reduces noise – higher textured finishes reduce tyre squeal
- Hard wearing
- Abrasion resistant
- Can be used over existing asphalt substrates
- Fire resistant
- Slip resistant
- Excellent bond strength

System Design



Model Specification

System: Deckshield ID Rapide
Finish: Gloss
Thickness: Dependant on specification
Preparatory work and application in accordance with manufacturer's instructions.

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 75% RH as per BS8204 and free from rising damp and ground pressure.

Products Included in this System

Flowfast Standard Primer
Silica Quartz
Flowfast Bodycoat (Flowfast Flexible Binder mixed with Flowfast SNL Filler)
Deckshield Oxide
Deckshield Rapide Topcoat

Note: Alternative specifications are available for steep ramps and ramps with severe camber (please consult Flowcrete for further advice).

Detailed application instructions are available upon request.

Installation Service

The installation should be carried out by a Flowcrete approved applicator with a documented quality assurance scheme. Obtain details of our approved contractors by contacting our customer service team or enquiring via our website at www.flowcreteasia.com

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, maintenance and cleaning. Environmental and health considerations are controlled during manufacture and application of the products by Flowcrete staff and fully trained and experienced contractors.

Aftercare - Cleaning and Maintenance

Clean regularly using a single or double headed rotary scrubber drier in conjunction with a mildly alkaline detergent (without solvents).

Important Note

Flowcrete's products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request.

Technical Information

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

Fire Resistance	C _{FL} - s1 (EN 13501-1)
Slip Resistance	Dry > 40, Wet depends on specification (in accordance with HSE and UKSRG guidelines)

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 and specifications.

Water Permeability	Nil – Karsten test (impermeable)
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Chemical Resistance	Contact Technical Department Resistant to petrol, diesel, antifreeze, hydraulic fluid, chlorides and battery acids.
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Resistance to Chloride Ions	DOT BD47/94: Appendix B, Method B4,2(d). Result: No chloride ion penetration after 28 days
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Bond Strength	Greater than cohesive strength of 25 N/mm ² concrete. > 1.5 MPa.
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Abrasion Resistance (measured on topcoat)	Taber Abrader 300 mg loss per 1000 cycles (1 kg Load using CS17 wheels)
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Speed of Cure

Walk on	1 hr
Full traffic & chemical cure	2 - 3 hrs

Customer Service

For more information regarding this product please contact your local Flowcrete office:

Flowcrete Asia	+60 3 6277 9575
Flowcrete Hong Kong	+852 2795 0478
Flowcrete China	+86 10 8472 1912
Flowcrete Thailand	+66 2539 3424
Flowcrete Indonesia	+62 21 252 3201
Flowcrete Vietnam	+84 8 6287 0846

Visit our website for more locations.

Further Information

To ensure you are specifying a fit for purpose flooring for your project please consult our Technical Advisors on the numbers above or visit our website to register your interest in specifying one of the most durable floors on the market.