



Deckshield Rapide ID (3–4 mm)

A fast cure methyl methacrylate deck coating system for use on intermediate car park decks.



EN 1504-2:

Tested to EN 1504-2 test standards for the surface protection of concrete.



UV Light & Weather Resistant:

Colourfast, non-fading finish that withstands extreme weather conditions.



Fast Track Installation:

Full traffic and chemical cure within 3 hours.



Reduces Noise:

Enhanced traction underfoot minimises unpleasant noise from tyre squeal.



Slip Resistant:

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

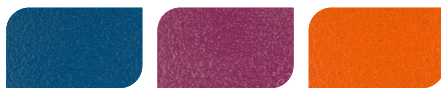


Dusty Grey
(near RAL 7037)

Traffic Grey
(near RAL 7043)

Grass Green
(near RAL 6010)

Tomato Red
(near RAL 3013)



Traffic Blue
(near RAL 5017)

Traffic Purple
(near RAL 4006)

Traffic Orange
(near RAL 2009)

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

Technical Profile

EN 1504-2:2005 Part 2: Surface Protection Systems for Concrete

SLIP RESISTANCE

UNE-EN 13036-4:2003	Class III: >55 Wet Test
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REACTION TO FIRE

EN 13501-1	C _{fi} -s1
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BOND STRENGTH

Measurement of Bond Strength by Pull-off

UNE-EN 1542:1999	>1.5 MPa
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ABRASION RESISTANCE

Taber

UNE-EN ISO 5470-1:1999	Weight loss <3000 mg
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IMPACT RESISTANCE

UNE-EN ISO 6272-1:2012	Class III: >24.5 Nm
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RESISTANCE TO SEVERE CHEMICAL ATTACK

UNE-EN 13529:2005 Group 3 & 10	No defects & reduction in Shore Hardness <50%
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SPEED OF CURE

Walk on	1 hour
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Full Traffic & Chemical Cure	2–3 hours
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Typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity for a model specification.



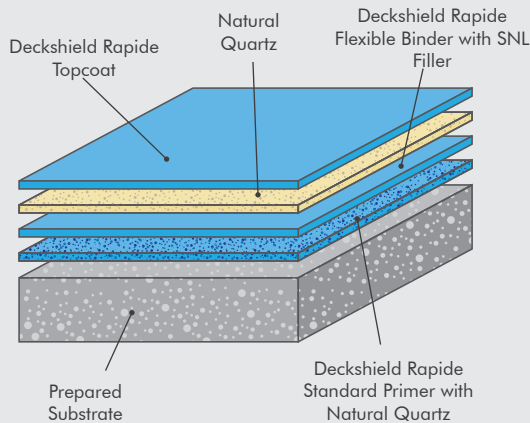
Model Specification

System	Deckshield Rapide ID
Finish	Satin Matt

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

Products Included In This System

Deckshield Rapide ID for normal wear areas (e.g. parking bays and lighter traffic).
Deckshield Rapide ID-HD for heavier wear areas (e.g. drive aisles and turning points).
Deckshield Rapide ID-Ramp for very heavy wear areas (e.g. sole entry/exit ramps and turning points).



Substrate Requirements

Concrete or screed substrate should be a minimum of compressive strength of 25N/mm² (and 1.5 N/mm² tensile strength tested by pull-off adhesion test on site).

For the use of Deckshield Standard Primer, substrate should be surface dry to 92% RH. For Deckshield Damp Primer substrate should be surface dry up to 97% RH, both as

per BS8203 and free from laitance, dust and other contamination. 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.

NB: Technical proposals are written for each installation to meet the client's particular requirements, the final thickness will be dependant upon the specification.

Aftercare, Cleaning & Maintenance

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

Installation Service

The installation should be carried out by a Deckshield approved contractor with a documented quality assurance scheme. Obtain details of our approved contractors by contacting our customer service team or enquiring via our website www.flowcrete.co.uk

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.

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. Any suggested practices or installation specifications for the composite floor or wall system (as opposed to individual product performance specifications) included in this communication (or any other) from Flowcrete UK Ltd constitute potential options only and do not constitute nor replace professional advice in such regard. Flowcrete UK Ltd recommends any customer seek independent advice from a qualified consultant prior to reaching any decision on design, installation or otherwise.

System Datasheet written for Flowcrete UK Ltd. Please consult Technical Team in your own country region for specific details. [03/12/19, 02 UK]