

Deckshield ED

A flexible polyurethane deck coating system providing a colourful crack bridging, waterproof surface for exposed decks.



UV Resistant:

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



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.



Attractive:

Brightens up dull, dark car parks.



Beige

Yellow

Signal Red



Forest Green

Tile Red

Dark Blue



Light Grey

Mid Grey

Dark Grey

The applied colours may differ from the examples shown.

For a full colour chart and samples, contact your regional Flowcrete office.

Technical Profile

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

> 1.5 MPa* concrete failure

FIRE RESISTANCE

BS 476-3 Designated EXT.FAA

SLIP RESISTANCE

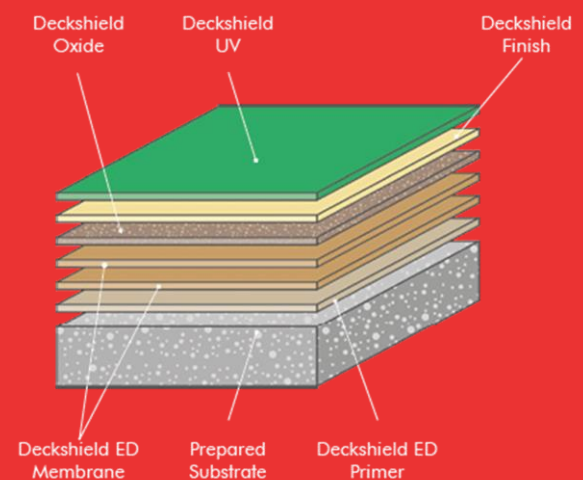
TRRL Pendulum Slip Test Dry >40, Wet >40 (low slip potential)

ABRASION RESISTANCE

Taber Abrader (1kg load using CS17 wheels) 300mg loss per 1000 cycles

* 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	30 hrs	18 hrs	12 hrs
Full Traffic	36 hrs	30 hrs	24 hrs
Full Chemical Cure	12 days	7 days	5 days



For applications falling outside of this temperature range, please contact your local Flowcrete Technical Department.

Model Specification

System	Deckshield ED
Finish	Textured
Thickness	Dependent on specification
Colour	See standard colour chart

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

Products Included in this System

Primer	Deckshield ED Primer
Membrane	Deckshield Membrane
Scatter	Alox Scatter
Topping	Deckshield Finish
Sealer	Deckshield UV

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.