

DECKSHIELD FINISH

A two pack, solvent free, flexible polyurethane wearing surface forming part of the BBA Approved Deckshield system.

Uses

As a coloured finish coat in the Deckshield membrane and intermediate deck system. The Deckshield system can be applied over concrete, screeds or asphalt to provide a slip resistant, wearing surface.

Benefits

- ✓ BBA Tested and approved.
- ✓ Solvent free; low odour.
- ✓ Slip resistant finish can be tailored to requirements.
- ✓ Flexible, can be used over Deckshield Elastomeric Membrane, asphalt or concrete.
- ✓ High abrasion resistance.
- ✓ Fast track installation.

Physical Properties

Standard Deckshield Finish

	<u>10°C</u>	<u>20°C</u>
Pot Life	30 min	20 mins
Working life	35 min	25 mins
Tack free time	10 hrs	5 hrs
Light Traffic	30 hrs	16 hrs
Full traffic	36 hrs	24 hrs

Without non-slip dressing:-

Elongation at break	60% approx.
Tensile strength	> 10 N/mm ²
Tear strength	11 MPA approx.
Hardness	65 (Shore D)
Density	1.45 kgs/litre

Surface Preparation

Priming

Refer to Deckshield system data.

Mixing

Pour total Hardener B to Base A container and drain thoroughly. Ensure that the materials are thoroughly mixed using a slow speed industrial hand drill and helical spinner.

Scrape down the sides of container, transfer to another container and re-mix for 1 minute.

Do not mix by hand.

Pack components are pre-weighed for optimum performance. Never split or proportion packs.

APPLICATION

Over Deckshield SF as a full aggregate blinded body coat.

Ensure all loose aggregate is removed by sweeping and vacuum.

Immediately after mixing apply a final coat of Deckshield Finish by roller and squeegee to a uniform finish at 0.5-0.9 kgs/m².

Coverage

0.5 – 0.9 kgs/m² dependent on surface texture.

For temperatures consistently below 15°C a low viscosity (LV) grade is available. This does not influence the cure time and is for ease of application only.

Note:

Slip resistant aggregate grain size can be tailored to suit clients needs. More Deckshield Finish will be required when using larger sized aggregate.

Colours

Standard Range:-

Dark Grey, Tile Red and Forest Green.

A fully UV stable range of finishes is available, refer to Deckshield Top Coat.

Batch to batch colour variation may occur. Ensure that materials for final application are always drawn from the same batch.

Where colour matching is required over more than one order or delivery, Flowcrete Technical department must be contacted prior to placing the order(s) and the requirement stated clearly on all orders relating to the project(s).

Temperature

Deckshield Finish should not be applied if material or floor temperatures fall below 5°C. Temperatures should not fall below 5°C during the first 24 hours after application.

Storage & Shelf Life

Stored unopened in dry conditions at 10 - 35°C, shelf life will be 6 months minimum.

Packaging

5 - 10 kgs packs, consisting of Base A and Hardener B.

Tool Cleaning

Clean with Flowsolve cleaner before the product has cured.

Health & Safety

Some of the components of this product may be hazardous during application. Please consult the relevant Health & Safety Data Sheets.

General Specification

Deckshield System, polyurethane car park deck system to be supplied by **Flowcrete Car Park Structures Ltd.**, Sandbach, Cheshire.

Installation by a Flowcrete Car Park Structures Ltd. CPD Licenced Contractor.

Further information

Where other products are to be used in conjunction with this material, the relevant technical data sheets should be consulted to determine total requirements.

Clients are welcome to call our Technical Desk or visit our Technology Centre in Sandbach.

Important Note

Flowcrete's products are guaranteed against defective materials and manufacture & are sold subject to its standard Terms & Conditions of Sale, copies of which may be obtained on request. Whilst Flowcrete endeavours to ensure that any advice, recommendation, specification or information is accurate and correct, it cannot - because it has no direct or continuous control over where or how its products are applied - accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by it.

Deckshield Finish
05/12/2002

AH