

DECKSHIELD ELASTOMERIC MEMBRANE

A two pack, solvent free, flexible crack bridging polyurethane membrane forming part of the BBA approved Deckshield system.

Uses

For application over asphalt, concrete and screeds in combination with an appropriate primer to provide a highly flexible waterproof membrane, normally used under a Deckshield wearing surface on car park decks or on suspended floors.

Benefits

- ✓ BBA tested and approved.
- ✓ OS11 tested and approved
- ✓ Solvent free
- ✓ Waterproof
- ✓ Seamless
- ✓ Highly flexible.
- ✓ Tough
- ✓ Crack bridging properties.
- ✓ Fast Track installation
- ✓ FAA Fire rating

Physical Properties

	10°C	20°C
Pot Life	30 mins	15 mins
Working life	35 mins	20 mins
Tack free time	8 hrs	4 hrs
Maximum Overcoating time	36 hrs	24 hrs
Elongation at break	600% approx.	
Tensile strength	> 10 N/mm ²	
Hardness	35 (Shore D)	
Mixed Density	1.2 kgs/litre	

Priming

Concrete: Deckshield SF.
Moist Concrete up to 98% RH: Deckshield EP.
Asphalt: Deckshield SF
In certain circumstances Flowprime 23 may be required.

Mixing

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

Scrape down 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

Immediately after mixing, spread the Deckshield Elastomeric Membrane using a squeegee and medium pile roller. Deckshield Elastomeric Membrane should only be applied over previously prepared and primed surfaces.

Care should be taken to ensure that the time sequence of this application complies with primer recommendations.

Coverage

1.0 – 1.5 kgs/m² dependent upon specification.

(0.7 kgs/m² is equivalent to 0.6mm achieved in 1 coat).

Colours

Grey

Deckshield Elastomeric Membrane is not designed to be colour stable, however this will not impair flexibility, chemical resistance or longevity of the composite system.

Additional Toppings

Further coatings and toppings should be applied when Elastomeric Membrane is tack free.

If maximum overcoating time is exceeded please see reactivating primer data sheet.

Temperature

Deckshield Elastomeric Membrane should not be applied at material or floor temperatures below 5°C. Temperatures should not fall below 5°C during the first 24 hrs after application.

Tool Cleaning

Clean with Flowsolve cleaner before the product hardens.

Packaging

Available in 5 and 10 kgs composite packs, consisting of Base A and Hardener B.

Storage & Shelf Life

Stored unopened in dry conditions at 10 - 25°C, shelf life will be 12 months minimum.

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 Undercoat polyurethane flooring system to be supplied by **Flowcrete Car Park Structures Ltd.**, Sandbach, Cheshire.

Installation by a Flowcrete Group plc. CPD Licensed 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 Elastomeric Membrane
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