

POLYDECK SF

POLYURETHANE BASED WATERPROOF FINISH COAT FOR CAR PARK DECKS

Product Description

POLYDECK-SF is a solvent free two components system, based on polyurethane resin. POLYDECK-SF combines superior chemical and abrasion resistance with excellent adhesion, colour retention and weatherability.

Features

- Specially designed for car park system
- Seamless and hygienic finish, no crevices where dirt and bacteria can dwell.
- Easy cleaning and low maintenance.
- Protects against moisture penetration.
- Exceptional resistance to chemicals and cleaning solvents.
- Non-Slip finish can be tailored to requirements.
- Flexible, can be used over wood and steel
- Impermeable to water and oil.
- Excellent resistance to oil, petrol and diesel.

Green Building Compliance

This product has following distinct advantages

- Eco-friendly
- Low VOC
- Solvent free with a high level of mechanical, chemical and water resistance,
- Low odour
- Antimicrobial
- Low maintenance
- Easy cleanability
- LEED compliant
- Ideal for use in Green Building

Uses

POLYDECK-SF is a general service polyurethane coating designed to improve cleanability, increase stain resistance, abrasion resistance and impermeability. It especially suitable for car parks, aircraft hangers and warehouse areas.

Properties

Pot Life @ 25°C	:	20-25 mins
Application	:	Brush/ Roller
Drying Time	:	
Surface Dry		4-6 hrs ,
Hard Dry		Overnight

Taber Abrasion Loss/1000 Cycles (H 22 wheels) (ASTM C 501)	:	26 mg
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Hardness, Shore D (ASTM D 2240)	:	70-75
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Dry Film Thickness Recommended :		
		400-500 microns

Chemical resistance- Top coat (ASTM D471)		
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Average Tensile strength retention after immersion was found to be :

Water – 93.4%

Ethylene glycol – 81.6%

Mineral spirits – 87.2%

Mixing Ratio	-	As supplied
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The values given above are average figures achieved in laboratory tests. Actual values obtained on site may show minor variations from those quoted.

Coverage

POLYDECK SF : 2-2.5 sqm/kg depending on porosity, roughness & method of applications.

Method of Application

APURVA's system should be installed by approved contractors. Following information should be used as a guideline.

MIXING

Pack components are pre-weighed for optimum performance. Never split packs. Empty contents of component B into a mixing container and pre-mix to assure the suspension of solids. Add component A and continue to mix to a uniform consistency for 1-2 minutes. Mix with slow speed drill and helical spinner head for 2 minutes. Avoid high speed mixing that will entrain air into the mix.

APPLICATION

POLYDECK-SF must be applied immediately after mixing the two components. **POLYDECK-SF** is applied with a roller.

CURING

The surface of **POLYDECK-SF** will be tack free in 6-8 hours. The coated area may be put back in service 2 days.

Colours

We shall always endeavour to supply the material in the colour shade ordered. However exact matching will not be possible.

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. Apurva's Technical department must be contacted prior to placing the order(s) and the requirement stated clearly on all orders relating to the project(s).

Shelf life

POLYDECK SF has a shelf life of 12 months if kept in warehouse conditions at 30°C in the original, unopened pack.

Storage conditions

Store in dry conditions between 5°C and 30°C, away from sources of heat and naked flames, in the original, unopened packs. If stored at high temperatures the shelf life will be reduced.

Packaging

Available in 6 Kgs combination of Base & Curing agent

Handling & Safety

Keep the containers tightly sealed when not in use. Avoid skin contact and inhalation of fumes (if any). While spraying it is advised to wear a mask. If it comes in contact with the body, wash affected parts with plenty of water. In case of persistent irritation, contact a physician.

Disclaimer: *The manufacturer reserves the right to change the specifications. Apurva India Private Limited products are guaranteed against material manufactured and are sold subject to the company's Terms and Conditions of Sale. Whilst we endeavour to ensure that advice, specifications, recommendations and information given is correct, we cannot have control over how our products are applied and will not accept liability, directly or indirectly, arising from application of our materials.*

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