

DECKTHANE PU



Aliphatic Polyurethane Based Floor Coating

DESCRIPTION

DECKTHANE PU is a solvent based two components, based on aliphatic polyurethane resin.

DECKTHANE PU combines superior chemical and abrasion resistance with excellent adhesion, color retention and weatherability

FEATURES

- Exceptional resistance to chemicals and cleaning solvents.
- Long term color retention.
- Non yellowing, can be applied on exposed areas.
- Seamless and hygienic finish, no crevices where dirt and bacteria can dwell.
- Easy cleaning and low maintenance.
- Protects against moisture penetration.
- Non-Slip finish can be tailored to requirements.
- Flexible, can be used over wood and steel.
- Specially designed for exposed areas like steel / MS structure,
- Sports courts & concrete surfaces.
- Excellent UV resistance.

TYPICAL USES

DECKTHANE PU is a general service polyurethane coating designed to improve clean ability, increase stain resistance and abrasion resistance especially in open exposed to sunlight areas

- Packaging areas
- Steel structures exposed to UV lights.
- Top coat on epoxy coving.
- Sports courts.
- Terrace areas
- Service floor areas in pharma
- Foot traffic areas in engineering
- Car park areas exposed to UV rays.

METHODS OF APPLICATION

ACCORD INDIA CHEMICALS system should be installed by approved contractors.

Following information should be used as a guideline

Surface Preparation:

- The long-term durability of the applied DECKTHANE PU topping is dependent on the adhesive bond achieved between the flooring material and substrate. It is most important therefore, that substrate surfaces are correctly repaired prior to application.
- New concrete or cementations substrates should have been placed at least 28 days and have a moisture content of less than 5% before topping with DECKTHANE PU.
- Before application, the surface to be coated, should be free from loose particles, rust, oils, grease, or earlier coatings and should be thoroughly dry.
- After surface is dry, all repair work like sealing of joints, crack filling of cavities and crevices should be arrived out.
- If the surface is VDF or smooth surface then Shot Blasting is recommended to make the surface rough in order to enhance the bonding

Priming:

- For use over a non-porous surface, MONOPRIMEWB/EP/ZP/DPM primer is recommended to ensure maximum product performance

Mixing:

- Pack components are pre-weighed for optimum performance. Never split packs. Empty contents of curing agent into a mixing container and premix to assure the suspension of solids. Add base 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:

DECKTHANE must be applied immediately after mixing the two components.

DECKTHANE is applied with a roller

TECHNICAL DATA

PROPERTIES	RESULTS
Application	Brush, Roller
Mixing Ratio	As Supplied
Pot life @25°C	25-30 mins
Hardness, Shore D (ASTM D 2240)	80
Taber Abrasion loss/ 1000 cycles	52 mg (CS 10 wheels) (ASTM D 4060)
Dry film thickness	70-100 micron per coat
Curing time	Initial cure: 3-4 hours
	Full Mech. cure: 12 hours
	Ready to use: Within 24 hours
Coats recommended	2coats minimum

COVERAGE: (**This is just approx. coverage depending upon surface porosity & undulation).

DECKTHANE PU: Approximately 6-8 m²/kg per coat @ 70-100 micron depending on method of application.

PACKAGING

6 kgs & 24 kgs combination of Base & Curing agent

STORAGE AND SHELF LIFE

DECKTHANE PU Store in dry conditions between 5oC 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

Best before one year from the date manufacture when in sealed pack and stored under proper condition.

Store in a cool & dry place in unopened condition away from direct sunlight

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.

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