

DECKTHANE PU ULTRA



Car park decking system

DESCRIPTION

DECKTHANE PU ULTRA is a two component polyurethane base carpark flooring system designed to withstand abrasion and impact load

USES

Is used as floor and wall coating system in areas such as multi level car parks, garages, warehouse, food processing units, pharmaceutical plants, laboratories, dairies, etc. Anti-slip surfaces can be obtained by incorporating antislip grains,. in conjunction with Deckthane PU ULTRA, It can be used on exterior floor surfaces

TYPICAL USES

- . Surface protection to car park decks
- . Elastic waterproofing on exposed decks

ADVANTAGES

- Good abrasion and impact resistance
- Waterproof
- Solvent free, can be applied in enclosed areas
- Good adhesion to variety of substrates
- Slip resistant texture can be obtained

TECHNICAL DATA

Tensile strength (ASTM D412)	6.0 N/mm ²
Elongation at break (ASTM D412)	57.0%
Tear resistance (ASTM D624)	30.0 kN/m
Crack bridgeability (ASTM C836)	@ 20°C 1.50 mm
Pull-off strength (ASTM D4541)	3.0 N/mm ²
Water vapour permeability (ASTM D1653)	Nil

TYPICAL SPECIFICATIONS

Specifications can be tailored to suit individual circumstances but typically are as follows:

. DECKPRIME 30(primer coat) Typical system thickness 1.2mm (excluding NS Grains)

PRIMING

Primer is applied on prepared surface . Deckprime 30/MT can be applied as primer. Mixed primer material should be applied by brush, lambswool roller or spray. Refer individual data sheets for spread rate. over application and ponding of primer should be avoided. Dry patches on porous substrates should be treated with a second coat of primer.

MIXING

Stir well part A and Part B individually. Add hardener into base and mix with slow speed drill fitted with paddle for two minutes. Scrape the sides and bottom of mixing container and continue mixing for further one minute. Do not mix the material in quantities which cannot be applied within the pot life product.

APPLICATION

Spread the mixed DECKTHANE PU ULTRA on prepared surface evenly as per the recommended spread rate. Use lambswool roller with dense and short fibers. Uniform rolling should be completed within the pot life of the product. Second coat should be applied after the first coat is completely dry.

Ant-slip finish: Apply the first coat of Deckthane PU ULTRA at 200-250 microns wet film thickness. Broadcast the antislip grains (Deck grains) uniformly in the first coat within 30 minutes of application. Allow first coat to dry for 10-24 hours.

Remove all loose grains with a soft broom. Apply

second coat of Deckthane PU ULTRA at 200-250 microns wet film thickness. After completion of the application, coating should be left for 24 hrs to cure before foot traffic.

EQUIPMENT CLEANING

All equipment may be cleaned of uncured material using DECK Cleaning Fluid.

APPLICATION TEMPERATURE RANGE

Minimum 10°C

Maximum 30°C

PACKAGING

5ltrs and 10ltr set

COVERAGE

- 5M2/ltr/coat at 200 microns wft for floor
- 10M2/ltr/coat at 100 microns wft for walls
- Actual coverage will depend on the texture and porosity of the surface, wastage factors, site and application conditions, etc.

STORAGE AND SHELF LIFE

When stored in a cool environment, in original unopened containers, the material has a shelf life of 12 months.

CAUTIONS

HEALTH AND SAFETY

Contact with skin and eyes should be avoided. It is essential that adequate ventilation is provided and all personnel should avoid inhaling the vapours produced. If working is necessary in a confined area it is strongly recommended that sealed respiratory equipment is utilised.

Eye Contact

Rinse with copious amounts of clean water and seek medical attention.

Skin Contact

Rinse with copious amounts of clean water followed by thorough cleaning with soap and water.

DO NOT USE SOLVENTS

Ingestion

seek immediate medical attention.

DO NOT INDUCE VOMITING

FLAMMABILITY

DECKTHANE UP ULTRA and DECKPRIME 30 Cleaning Fluid are flammable. Do not expose to naked flame or other ignition sources.

FLASHPOINT

DECKTHANE UP ULTRA >150°C

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Important note :

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