SUNKOTE

Single Component, UV Resistant, Elastomeric, High Build Waterproof Coating (Conforming to DIN 1048)

DESCRIPTION

SUNKOTE is a single component, elastomeric, water based, acrylic waterproof coating for direct application onto substrate using brush, roller or spray.

USES

- It is used to waterproof all types of RCC surfaces such as basements, roofs, chajjas, parapet walls and external walls, external walls sunken areas, toilets etc.
- Can be used for flat as well as sloping roofs, existing and new
- Asbestos cement sheet roofs can also be waterproofed using scrim cloth at the junctions, overlaps and J-bolts as reinforcement
- As a damp proof course applied under the first layer of bricks or blocks in masonry works

ADVANTAGES

- High build, strong, thick, elastomeric, liquid applied waterproofing membrane system
- Makes for a highly elastic & resilient coating to withstand cracks up to 2 mm as well as accommodate thermal movements
- Resistant to UV with Anti Fungal properties
- Higher tensile strength, tear resistance & adhesion to substrate
- Single component and easily brush, roller or spray applied
- Non-toxic in nature and the membrane allows concrete surface to breathe
- Can be applied on damp surfaces

TECHNICAL DATA

Appearance	Off-white coating
Method of Application	Brush/roller/spray
Solids	> 65%
pH	8.5 - 10.5
Elongation at Break (ASTM D 638)	≥ 350%
Coverage	2.5 - 3.5 m²/kg/coat
Tensile Strength (ASTM D 412)	≥ 3.2 N/mm²
Water Permeability (DIN 1048)	Nil
Flexibility	Conforms to IS 101
Adhesion	Conforms to IS 101
Shelf Life at 25°C	12 months in tightly sealed container
Packing	25 kg HDPE bucket

INSTRUCTIONS FOR USE

- Prepare the surface thoroughly by cleaning, washing and removing dust, dirt, oil, grease and loose particles.
- In existing roofs, the condition of the substrate must be checked. Damaged portions must be repaired with polymer modified mortar.
- Any bitumen based waterproofing coating must be completely removed prior to treatment by **SUNKOTE** system.
- Surface cracks must be identified, cleaned and filled.
- Prime the surface with either **POLYALK WP** or **SUNPRIME WP**. Allow the primer to cure before application of subsequent coats.
- Coating: Two-Three coats of **SUNKOTE** are recommended. Apply first coat at the rate of 2.5 - 3.5 m²/kg/coat. No need to dilute with water.
- Apply the subsequent coats of **SUNKOTE** at the rate of 2.5 - 3.5 m²/kg/coat with an interval of 24 hours between coats. The second coat to be applied perpendicular to the first coat which ensures uniform masking & even application.
- If a protective coat is required, then broadcast sand at the rate of 1 kg/m² over the 3rd coat of **SUNKOTE** while it is still tacky.
- This will provide a mechanical key for bonding of the protective screed layer.
- Allow the membrane to cure for 24-48 hours and carry out a protective screed layer with adequate slope.

HAZARDS IDENTIFICATION

- Health hazards: No particular hazard known. If the product spills on to the skin and dries up, some irritation may occur.

PRECAUTIONS

- Do not dilute **SUNKOTE** with water.
- Proper surface preparation is a must.
- Always use a primer as a prerequisite.
- Repair existing damage and cracks on the roof before application of **SUNKOTE**.

FIRST AID MEASURES

- Skin contact: Immediately wash thoroughly with soap and water.
- Inhalation: Remove to open air. Seek medical attention.
- Contact with eyes: Immediately wash under running water with eyelids open for at least 15 minutes. Seek medical attention.
- Ingestion: Do not ingest. Rinse mouth thoroughly and drink plenty of water. Seek medical attention.

ACCIDENTAL RELEASE MEASURES

- Environment Care: Clean small spillages immediately with water. Contain large spillages with suitable absorbent materials.
- Dispose the waste water/absorbent material in accordance with local regulations.

QUALITY ASSURANCE

All products are manufactured under a Quality Management System for Design, Manufacturing and Selling of Construction Chemicals as per the standards of ISO 9001:2015.

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