



SMARZKOT[®] waterguard

UNIQUE SPRAY APPLIED SINGLE COMPONENT WHITE COLOR
ELASTOMERIC WATERPROOFING MEMBRANE

Description

SMARZKOT waterguard is a revolutionary waterproofing system that offers superior protection against water damage. It is a single-component, white colored membrane that is highly elastic and tough, based on special co-polymers and fillers.

This unique spray applied waterproofing membrane is highly resistant to aggressive soils and soluble salts, providing an effective continuous barrier and protection against water borne damage. Its spray application makes it easy to use, and it is ideally suited as a vapor/salt barrier to building facades behind granite, marble, stone cladding, and curtain wall elements. With its exceptional performance, SMARZKOT waterguard offers a reliable solution for protecting buildings from water damage. It is the perfect choice for those looking for an effective, easy to use, and long-lasting waterproofing system.

Advantages

- Spray Application, easy to apply White Color Membrane
- High build properties ensures rapid application
- High elasticity, ensuring a permanently flexible barrier over a wide range of temperatures
- Thermal Stability
- Screeding can be done easily over applied membrane after complete curing
- Suitable for Exterior application e.g. Terrace
- For Extended Life Waterproofing, application with GRS (Glass Reinforcement Sheet) is recommended
- Excellent adhesion
- Good Crack bridging property
- Can be applied to range of substrates
- Outstanding resistance to brittleness and oxidation
- Economical & High UV resistance
- Excellent heat reflection
- Provides excellent water tight structure

Uses

- Reservoir
- Canals
- Water tanks,
- Terrace
- Podium and many more where waterproofing is prerequisite.

Standard Compliance

ASTM D412, ASTM G 154, ASTM 1653:03, IS 2645

Technical Information

PROPERTIES	RESULTS
Color	White
Tensile strength (N/mm ²) (ASTM D412)	>1.5 @ 24 hours >2.5 @ 7 days
Elongation at break (%) (ASTM D412)	900 to 1350
Cure time (ASTM C-836)	24 hour approx
Crack bridging	Up to 2 mm

Method of Application

- Surface Preparation :All substrates must be sound, clean, dry, smooth and free from protrusions, voids, honey-comb, sand high spots. Presence of curing agents, paint and oil will impair adhesion.
- Moss and lichen must be removed and area treated with proprietary fungicidal wash to kill spores and inhibit further growth. Following treatment wash area thoroughly with clean water and allow drying. Fillets must be provided at corners or sharp angles using 4:1 sand and cement mortar modified with a good quality bonding agent BUTABOND SBR (SL).
- Priming : Priming is not normally required on good quality, well prepared substrates.
- Application : Apply SMARZKOT waterguard using an airless spray to obtain a continuous, unbroken film. Water can be added up to 5-10% during application to adjust consistency based on temperature and humidity. Apply four coats, with each coat being applied after the previous one has dried.
- For application with Glass Reinforcement Sheet (GRS), first apply one coat of SMARZKOT waterguard, then place the GRS on the applied material while the first coat is still wet. Roll a paint roller over the GRS to ensure it is bonded with the applied material, then apply the remaining coats of SMARZKOT waterguard.

Coverage

- SMARZKOT waterguard : 1.1 kg/m² @1mm thickness
(Actual coverage depends on application techniques, ambient conditions, wastage, surface condition etc)

Packaging

- SMARZKOT waterguard is supplied in 1,5,10 & 20 kg pails.

Storage

- Minimum of 12 months shelf-life if kept under room temperature (i.e. 27°C).

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