Dry**BITUMEX TC**

Two Component Polymer Modified Bituminous Waterproofing

DRYBITUMEX TC is a two component polymer modified elastomeric bitumen waterproof and dampproof coating for building structures. DRYBITUMEX TC cures to a tough monolithic, flexible seamless rubber-like membrane with good adhesion to almost any solid substrate. Cold-applied by brush, roller, trowel or spray.



FEATURES

- Joint less membrane when it cures.
- Crack-bridging capabilities, extremely versatile & high performance.
- Tough rubber-like – flexible, elastomeric and damage resistant.
- cold applied and ready to use
- Excellent adhesion to most building substrates
- Asbestos free.
- Can be applied on damp substrates
- Excellent resistance against chemicals (Chloride, sulphate ions, acids and alkalis)
- Solvent free Environmentally friendly, cold applied – no flame hazard.
- Health Friendly and non-hazardous.
- Applicable in any season and able to withstand temperature fluctuations
- Easy to apply and Fast cure
- Excellent resistance to all types of chemicals

FIELD APPLICATION

- Designed for multi purpose projects
- Suitable for damp proofing below ground.
- Water proofing /damp proofing of most substrates.
- Provides an air, vapor and rain barrier to construction surfaces such as masonry, concrete, gypsum board and wood.
- Protection of foundations, columns and beams.
- For use as an adhesive on wood blocks, wood mosaics, polystyrene insulation boards etc.
- Protection of concrete substructures, super structures and manholes from corrosive soil

CONFIRMATION

DRYBITUMEX TC complies with DIN 18195 protection of buildings against water, vapor and air and damp proofing.

TECHNICAL PROPERTIES

Specific Gravity	<1
Service temperature	-4C° to 120 °C
Application temp.	min 4 C°
Surface Dry (Hrs)	30 min depends upon the climatic conditions.
VOC	≤ 50 g/l

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Shore A hardness	75
Adhesion strength	2 N/ mm²
Crack Bridging	2 mm
Full cure	One day
Water resistance (ASTM D 466)	Excellent
Heat Resistance	No flow after 4hrs@100°C
Water vapour permeability	0.05g / m²/24h
UV exposure	Min 1 year
Coverage	1 m²/1.5 Kg /1mm (Up to 4 mm possible with multiple layers)

APPLICATION PROCEDURE

SURFACE PREPERATION

All surfaces must be sound, clean and free from dust, oil or grease and other loose materials. Surface may be dump but there should not be any standing water and can be applied to fresh freshly cast concrete too. Covings should be formed at 90 degree angles using suitable mortar. If requires, apply one coat of PRIMEBOND primer for better adhesion

MIXING

Mix part A and Part B well enough using a paddle fixed drilling machine at low speed

APPLICATION

Prior to the application, stir the product well. Apply in two coats at a spread rate of 1.5 Kg / m² . The succeeding coats should be applied at right angles to the preceding coats. For best results allow each coat to dry then apply next prior to the surface becoming contaminated. If subsequent coats are applied to 'non-cured' coats, inter-coat bubbling may result. The coverage depends upon the substrate, application method and project requirements.

Tools: Application may be by trowel, roller, or airless spray.

Brush: Suitable for small areas and flashings. Use a synthetic bristle brush.

Roller: Recommended when coating small areas. Use a smooth roller.

Airless Spray: 4000 psi min. ½" hose min. 0.025 to 0.039 inch orifice reversible tip.

PACKING:

Available 20 Kg Kit – Two Pack System

STORAGE:

Store materials between 10°C-50°C with careful handling to prevent damage to products. If conditions exceed these ranges, special consideration in storage must be taken. Do not store at high temperatures in direct sunlight. Shelf life under normal conditions in closed container will be 24 months.

HEALTH AND SAFETY

Keep out of reach of children. Ensure to maintain good ventilation during application and drying process. In case of skin contact, wash with soap and water or a recognized skin cleaner. Avoid contact with eyes. In case of contact with eyes rinse immediately with running water and seek medical advice. If product is ingested drink plenty of water or milk. Do not induce vomiting at any time. Seek medical advice. Refer to the Material Safety Data Sheet (MSDS) for detailed information about the product and transportation and classification criteria.

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