

MixTEX® -SUPER-COMBO

Elastomeric water-proof membrane system; cold applied

MixTEX® -SUPER-COMBO is a multi component; acrylic polymer based waterproof coating with high elasticity. It is durable, flexible and dry film forms a seamless elastomeric membrane which has a high level of water proof characteristics and provides a breathable barrier with crack bridging properties and recommended to use as a protective coating for all kinds of exterior cementitious substrates

Appropriation

- Good for waterproofing for Sloped roof and terrace slabs, bridge structures, All types of cementitious masonry substrates
- Can be used on most types of substrates like concrete and mortar
- As a water proof protective coating for medium range ground level water reservoirs
- Can be used to protect exposed reinforced concrete from carbonation & chloride attack of water storage unit as external coating

Characteristics

Easy to apply

High elasticity

Durable and flexible

Excellent resistance to weathering agents like UV, sunlight and rain

Resist the growth of fungi, alkali and bacteria

Easy to maintain – washable

Minimum dirt pick up

Environment friendly; water based

Technical Data & Properties

Standard conforms	: ASTM C836
Appearance	: Viscous liquid
Top Finish	: Grey
Specific gravity	: 1.35 gm/cc
Solid content	: 70% ± 2% by weight
Elongation at break	: 150% (ASTM D638)
Tensile strength	: 1.80N/mm ² (ASTM D 412)
Adhesion to substrate	: >1.25N/MM ²
Water permeability	: No leak at 5bars (DIN 1048)
Crack bridging	: 0.75mm (ASTM D 836)
Toxicity	: Non toxic
Application temperature	: 10°C to 50°C
Service temperature	: 50°C to 90°C
Touch dry	: 4-6 hours
Full cure	: 48 hours@25°C

Product Management

Surface preparation: Good surface preparation practice is a key element to achieve optimum result and life of any cold applied systems. Ensure and follow the surface preparation method of MixPRIME® AC300 slurry - base primer- to achieve the overall performance of the system

The surface preparation may vary according to the substrate condition and strictly adhere with the methodology. Contact FAB Chemical's technical service department for any further assistance or detailing

The Construction Chemist....



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System specification with consumption

MixTEX®-SUPER-COMBO components can be applied by brush, roller or air less spray. First base surface stabilizing sealer / primer coat consists of MixPRIME® AC300 modified with Cement and water at a ratio of 2:1:3 (MixPRIME® AC300: Water: Cement) by volume (MixPRIME® [AC300@0.350L/Sq. m](#)) and apply as a slurry coat directly on the cleaned surface at an average consumption of 1L/Sq. m and place MIXMAT GFM50 directly along with this MixPRIME® AC300 slurry application with 100mm overlapping without any bulging and in neat finish. Apply MixGUARD® AC- Two component elastomeric compound as water proofing layer over the cured base layer at 1kg/Sq. m and allow to dry. An Intermediate elastomeric water proofing coat is carried out by MixTEX®-Super-Terracotta followed by MixTEX®-Super-Grey as a final coat. Each MixTEX®-Super-Terracotta & MixTEX®-Super-Grey applies at a consumption of 0.5kg/ Sq. m in single coat without any modification.

All layers of cold applications should be at right angle to each other and recommended to keep minimum 6 hours time gap in between each layer of application. Leave the system for 72 hours complete curing prior to carry out pond test or pedestrian traffic

Cleaning

Clean all the tools with water after use

Packing & Storage

MixTEX®-SUPER-COMBO components are available in /20 kg packs. All materials should be stored in cool, dry and shaded warehouses. Shelf life is 12 months when stored under cover, out of direct sunlight, protected from extreme temperatures and as per recommendations. In extreme tropical climate, the product must be stored in cooled ambience. Excessive humidity will result in the reduction of shelf life.

Health & Safety

MixTEX®-SUPER-COMBO contains no hazardous substance. As with all construction chemical products, caution should always be exercised. Protective clothing such as gloves and goggles shall be worn whilst handling. Wearing long sleeve overall, safety shoes and face mask is recommended for maximum safety. Reseal all containers after use and ensure product is stored as instructed on the safety section of the labeling. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately. For more details, please refer to the MSDS released on each FAB product

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Technical information given in this data sheet is true and exact to the best of our knowledge, laboratory upshot and hands - on application. The data sheets of all products are revised/updated regularly and hence ensure that the latest release is used for reference and recommendation. The date of publishing is as in this sheet. All data are mean of numerous tests, assessment and analysis conducted under laboratory ambience. climatic disparity in temperature, humidity, etc... and porosity of substrate may impinge on the values.

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