

# MixTEX® SUPER

Elastomeric water-proof membrane; cold applied

**MixTEX® SUPER** is a single 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

Single component  
Easy to apply  
High elasticity  
Durable and flexible  
Excellent resistance to weathering agents like UV, sunlight and rain  
Resist the growth of funguses, alkali and bacteria  
Easy to maintain – washable  
Minimum dirt pick up  
Environment friendly; water based

## Technical Data & Properties

Standard conforms	: BS 476 - 3
Appearance	: Viscous liquid
Color	: White / Grey / Terracotta
Density	: 1.35gm/cc
Solid content	: 70 % ± 2% by weight
Elongation at break	: 300% (ASTM D638)
Tensile strength	: 1.80N/mm <sup>2</sup> (ASTM D 412)
Adhesion to substrate	: >1.50N/mm <sup>2</sup>
Water permeability	: No leak at 5bars (DIN 1048)
Crack bridging	: 2.00mm (ASTM D 836)
Toxicity	: Non toxic
Application temperature	: 10 °C to 50 °C
Service temperature	: 50 °C to 90 °C
Touch dry	: 4 hours
Full cure	: 48 hours@25°C

## Product Management

Surface preparation: All the substrates must be dry and free of dust, dirt, oil, grease and loose particles. Metal surfaces should be rust free. This can be achieved by wire brushing or grit blasting. Old water storage structures must clean with wire brush and remove all funguses and if any growth of bushes inside remove the plaster from that area and cut it from the root level. Loose or deboned plasters must be chip out with the help of chisel and do a latex modified plaster before starting MixTEX® SUPER coating

Dirt's and funguses on the surface must be thoroughly removed with high pressure water jetting. Exposed corroded reinforcement if any treat it with MixCRETE CP before plastering

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**Priming:** A primer coat is required to seal the pores and stabilize the surface. MixCOAT® AC300 or MixPRIME® AC100 modified with cement as slurry is recommended use as a base primer coat. It will improve the bond strength of the coating. This can be applied by a brush, roller or spray

**Application procedure:** The primer coat should be allowed to dry completely before the application of MixTEX® SUPER. The drying time would be a minimum of 3-4 hours at 25 °C. For improved result, it is recommended to use MixFELT P50 / MixMAT GFM 70/50 as per the site conditions to the joints (wall and floors), corners and sealing of inlet and outlet pipes including sufficient overlaps. MixFELTP50 reinforcement should be placed centrally on the joint by half on the slab and half on the wall and sandwiched with the water proofing system

MixTEX® SUPER can be applied by brush or roller, but is probably best applied using an air less spray. Apply a minimum of two coats with undiluted material at 0.5 kg/sqm per coat. It is important to ensure that each coat has to be cured totally before applying the next coat. Prior to second coat, a close visual inspection of the surface should be made for any pin holes or surface irregularities. The second coat should be applied at 90° to the first, to ensure a full unbroken coating to the substrate

## Cleaning

Clean all the tools with water after use

## Packing & Storage

MixTEX® SUPER is available in 5/10/20 kg packs. MixTEX® SUPER 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 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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