

MIXTEX SUPER

ACRYLIC BASED HIGH FLEXIBLE ELASTOMERIC WATER-PROOF COATING

DESCRIPTION

MIXTEX SUPER is a single component; acrylic based waterproof coating with high elasticity. It is durable flexible and has a high level of resistance to weathering agents like UV rays, sunlight, frost, rainfall etc.

USES

- Can be used on most types of roofs, such as concrete roof, metal roof, asbestos roof, etc.
- As a protective membrane for PU foam Installation
- Can be used to protect exposed reinforced concrete from carbonation & chloride attack.

CHARACTERISTICS

- Single component Acrylic based
- Flexible & Elastomeric
- High elasticity
- Very durable and flexible
- UV Resistant

TECHNICAL DATA AND PROPERTIES

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|----------------------------|---|
| Standard conforms | BS: 476-3 |
| Appearance | White / Grey Liquid |
| Density | 1.3gm/cc |
| Solid Content | 65% ± 2% by weight |
| Elongation at break | 400% |
| Toxicity | Non Toxic |
| Application temp | 10°C to 50°C |
| Service temp | 50°C to 90°C |
| Resistance | Acid, Alcohol, Petrol, UV, Carbonation and Chloride Ion diffusion |



HOW TO APPLY

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. existing coatings, adhesives, efflorescence should be removed to achieve maximum bond strength. Holes, non-structural cracks or other surface deformities should be repaired.

Priming:

A primer coat is required to seal the pores and stabilize the surface. MIXTEX Super with 20% dilution with clean water should be used as a 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 8 hours at 25 °C. 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 @1 kg/ m2 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. For improved results, a glass fibre mat / reinforcing fabric tape should be embedded into the first coat while it is wet on all corners and other critical areas. Clean all the tools with water after use.

COVERAGE

2kg/m²/mm approximately

DRYING TIME

Minimum of 8 hours at 25 °C

PACKING

4Kg, 10Kg, 20Kg

PRECAUTIONS

- Do not apply to areas when rain is imminent.
- During conditions of low temperature or high humidity the curing rate will slow dramatically.
- Do not apply to areas subject to heavy foot traffic in commercial environments or vehicular traffic.
- Not designed as a sealant for expansion or control joints.
- Not to be used in areas subject to negative hydrostatic pressure.
- All finish coatings over this membrane must be solvent free.
- Allow minimum 72 hours drying after final application if treated area is to be flood tested.

CLEAN UP

Clean up with water while wet. Once dried product needs to be removed mechanically or by solvent.

STORAGE

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 and over exposure to UV 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 labelling. 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 MERZ product.

NOTES: It is recommended before commencing the application; that adhesion of products to be used is tested over a typical area of the prepared surface to ensure satisfactory adhesion. It is the responsibility of the applicator to carry this out and accept the substrate suitability before any application starts. For items not covered in this data sheet, it is the responsibility of the applicator to check with MERZ and get a written confirmation before commencing the application.

DISCLAIMER

The information, and, in particular, the recommendations how to use and apply the product, are given in good faith based on our current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with manufacturer's recommendations. All data are mean of numerous tests, assessment and analysis conducted under laboratory ambience. Climatic disparity in temperature, humidity and porosity of substrate may impinge on values. The user of the product must test the product's suitability for the intended application and purpose. MERZ Construction Products Ltd does not give any warranty express or implied as to the suitability of this product for your particular use, because the usage of this product is beyond the control of MERZ Construction Products Ltd. MERZ Construction Products Ltd does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.

*All Products are produced for MERZ by OEM Manufacturers