

# MIXTEX

Acrylic based flexible elastomeric water-proof coating



## Introduction

**Mixtex** 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.

## Appropriation

Can be used on most types of roofs, such as concrete roof, metal roof, asbestos roof, etc.  
Good for waterproofing of car park decks  
As a protective membrane for Polyurethane foam installation  
Can be used to protect exposed reinforced concrete from carbonation & chloride attack

## Characteristics

Single component  
Acrylic based  
High elasticity  
Very durable and flexible  
Excellent resistance to weathering agents like UV, sunlight and rain  
Cool Roof

## Technical Data and Properties

Standard conforms	BS: 476-3
Appearance	White/Grey Liquid
Density	1.3gm/cc
Solid Content	60% ± 2% by weight
Elongation at break	300%
Toxicity	Non Toxic
Application temp	10oC to 50oC
Service temp	50oC to 90oC
Resistance	Acid, Alcohol, Petrol, UV, Carbonation and Chloride Ion diffusion



## 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

**Priming:** A primer coat is required to seal the pores and stabilize the surface. Mixtex 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. The drying time would be a minimum of 8 hours at 25 °C. Mixtex 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/ m<sup>2</sup> 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 (Mixmat) 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:** 1kg/m<sup>2</sup> per coat approximately

## Packing & Storage

Mixtex is available in 20 Kg packs. For site installations or mass consumptions, deliveries shall be made in bulk custom-designed containers. Mixtex 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.



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**PYCHEM**

the construction chemist...

## Health & Safety

Mixtex 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 Pychem product



Technical information given in this data sheet is true and exact to the best of our knowledge, laboratory upshot and hand-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 and porosity of substrate may impinge on values



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TECHNICAL DATA SHEET