

# ELASTOCRETE

## POLYMER MODIFIED CEMENTITIOUS ELASTOMERIC WATERPROOFING COATING

### PRODUCT

Two pack polymer modified cementitious elastomeric coating system

### PURPOSE

Waterproofing of concrete surface and protection of concrete.

### USAGE

Providing waterproof coating by application of brush or trowel of the mixed material.

### ADVANTAGES

- Forms highly flexible and elastomeric film.
- Excellent water resistance
- Excellent weatherability hence suitable for exterior application
- Excellent adhesion to concrete and other substrate
- Provides a tough, durable and flexible film and protects concrete from corrosive salts and atmosphere gases.
- Coating is breathable, allowing transmission of water vapour from interior of the building
- Nontoxic and easy to apply.
- Fills holes, cracks in concrete.
- Being flexible and elastomeric, it is specially suitable for surfaces which undergo movements

### FIELDS OF APPLICATION

It is used to provide water and damp proofing coats to concrete structures, brick and masonry works, plasters, etc. It is also used in underground retaining walls, tunnels and basements. Foundation walls and footing subjected to ground moisture can also be protected by coatings of ELASTOCRETE.

### TYPICAL APPLICATIONS

- Waterproof coatings for roofs
- Backing to marble, granite of other claddings to prevent water ingress
- Provide protection to concrete from carbonation and chloride attack
- Provide protection to foundations
- Car Park Decks
- Terrace gardens
- Swimming Pools
- Toilets and Bathrooms

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**METHOD OF APPLICATION**

**SURFACE PREPARATION**

Remove loose plaster, if any. All the cracks above 0.7mm width should be properly sealed. The surface should be structurally sound and free from oil, grease and loose particles.

**FIRST COAT**

Prepare the ELASTOCRETE mortar using ELASTOFLEX : Water : ELASTOCRETE in the ratio of 1:0.5:3. Mix the content slowly while continuous stirring manually or mechanically till powder is dispersed into a homogeneous pasty brushable mass. Apply it over previously wetted and moist surface by means of stiff brush to get dry film thickness of 1mm per coat. Add water if required so as to achieve brushability to the mixture.

**TYPICAL PROPERTIES**

Pot life at 30° C	-	20-25min.
Application Temp.	-	Not less than 10°C
Colours Available	-	Grey and White
Coverage	-	Spread 1.5kg. of mix per sq.mt/mm