

# ECMAREP 505

## General Purpose Epoxy Putty

### Description

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**ECMA REP 505** is a thixotropic, solvent free, three component general purpose Epoxy Putty which is consist of special epoxy resins, graded fillers and thixotropic agents. It bonds well with concrete and variety of other substrates and can be applied directly to seal cracks, joints, blow holes, etc. and for quick repairs.

### Areas of application

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- To fill blow holes
- Quick Repairing & finishing of damaged concrete surfaces
- Eliminating minor irregularities on floors and walls.
- Sealing Gaps between Plumbing Pipes and Bathroom Fittings

### Advantages

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- Easy to apply and finish
- Excellent Mechanical properties
- Chemical resistant
- Excellent adhesion to the concrete, steel and other surfaces.
- Cures without shrinkage
- Waterproof once cured

### Technical Properties

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Appearance of Cured Surface	White
Type of Product	Epoxy Base
Bulk Density @ 27 °C kg/m <sup>3</sup>	1650±50
Pot Life @ 27 °C	40-45 Minutes
Drying Time	6-8 Hours
Full Cured	7 Days
Compressive Strength	50 N/mm <sup>2</sup>
Coverage	1 kg/m <sup>2</sup> /mm

## Application Instruction

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### Surface Preparation

ECMAREP 505 is designed to be applied on concrete substrate (precast concrete or cast-in-place concrete) and variety of other substrates. Surface must be sound and free from impurities, loose particles, laitance and contaminants such as oil, dust, grease, paints, alcohol, etc. It is recommended to patch the holes deeper than 2 - 3 mm before application of ECMAREP 505.

### Mixing

Add the entire contents of the Hardener (Pack- B) to the Base (Pack-A) and mix thoroughly for 2 -3 Minutes and then add filler part (Pack-C) and use electrical mixer to mix 4 to 5 minutes until homogeneous.

### Application

Apply the mixed material using glove-protected hand, spatula or trowel and work well on to the property prepared substrate. The surface of the applied material can be smoothed by slight rubbing with wet gloves. ECMAREP 505 is consumed at a rate of 1m<sup>2</sup>/Kg @ 1mm thickness. The coverage may vary depending on the substrate conditions

### Packaging

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ECMAREP 505 is supplied in 3 Kg Pack.

### Shelf Life & Storage

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12 months from date of production if stored properly in original unopened, sealed and undamaged packaging, in dry conditions at temperatures between +5°C and +30°C. Protect from direct sunshine.

### Safety Precautions

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Avoid skin and eye contact and inhalation of vapors. Gloves, goggles and masks should be worn during application. If the product comes into contact with the skin, should be washed thoroughly with a suitable industrial cleaner with luke warm water and soap. In case of eye contact, should be washed with clean water and medical advice sought immediately. Exposure of the materials to naked flame is not suggested. Smoking is prohibited during application/handling of the product.

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