

# EPOPRIME MMA

## Rapid-Cure Methacrylate Primer

### DESCRIPTION

EPOPRIME MMA is a two-component rapid cure primer, designed for application to concrete masonry and asphalt prior to the application of PREMCRETE coatings and mortars. The product consists of a base component and a catalyst component, suitable for mixing on site. The products rapid curing characteristics allow for the rapid application of subsequently applied coatings and screeds.

### USES

EPOPRIME MMA is used as a primer for concrete, masonry ,asphalt and other porous substrates to promote adhesion between the coating and the substrate.

### ADVANTAGES

- Excellent adhesion
- Extremely rapid Curing
- Suitable for use at low temperatures
- Chemical resistant.

Property	Value
Colour	Clear Amber
Pot Life @ 20°C	20mins
Viscosity	305 CPS @ 20°C
Adhesive Bond to Concrete	>3 MPa (Concrete Failure)

### PROCEDURE

**Surface Preparation:** Correct surface preparation is paramount to the success of the applied primer. Concrete and masonry surfaces should be sound clean and free from dust, surface laitance, grease, hydrocarbons and other deleterious materials, it is important to prepare the surface by mechanical means, such as vacuum grip blasting and diamond grinding to ensure the complete removal of any contaminants and to provide an adequate key for the coating. The moisture of new concrete substrates should be less than 6% RH. Imperfections in the substrate should be repaired using a suitable PREMCRETE REPAIR PRODUCT. Steel surfaces should be grit blasted to a nominal SA 2.5 Swedish standard; steel substrates should be primed immediately once preparation has finished to decrease the chance of flush rusting.

**Mixing:** The base component should be emptied into a suitable mixing vessel and the catalyst component should be added into the resin whilst mixing using a slow speed drill and paddle mixer. Mixing should continue for 2 minutes until a uniform consistency is achieved.

**Application:** EPOPRIME MMA should be applied to the prepared substrate using a suitable brush or roller at a nominal rate of 0.4 – 0.8Kg per m<sup>2</sup> depending on the substrate porosity and profile. After 45mins at 20°C the primer will have cured sufficiently to allow the subsequent application of coating or mortar. Application of subsequently applied product should commence within 8hrs. Alternatively a quartz aggregate may be broadcast into the freshly applied coating. The primer should be allowed to harden before removing the excess aggregate.

**Curing:** EPOPRIME MMA would have cured sufficiently after 45mins at 20°C to be over coated.

**Equipment Cleaning:** Tools and equipment should be cleaned immediately using PREMCRETE CLEANING



Product code: 07154 Revision date: 20/1/23

SOLVENT.

### PACKAGING & COVERAGE

**Pack Size:** EPOPRIME MMA is supplied in 1Kg, 5Kg and 10Kg packs.

**Coverage:** A 1Kg pack is sufficient to cover 1 - 3m<sup>2</sup>. A 5Kg pack will cover 6-12m<sup>2</sup>. A 10Kg pack will cover 10 - 30m<sup>2</sup>.

### STORAGE & SHELF LIFE

EPOPRIME MMA should be stored in clean dry conditions at temperatures between 10°C and 30°C. Store in well ventilated areas, the product will have a minimum shelf life of 12 months, when stored in unopened containers.

### HEALTH & SAFETY

See separate material safety datasheet