

# EE RAPID PRIME

## RAPID CURING, TIME SAVING POLYUREA PRIMER

### Over-coat in 20-40 minutes

EE RAPID PRIME is a solvent free, unpigmented, two part polyurea concrete primer that in most conditions is ready to re-coat in 20-40 minutes, thanks to the use of Advanced Cure Technology. EE RAPID PRIME has a long pot life but when applied is quickly cured by the action of atmospheric moisture. EE RAPID PRIME will quickly develop a bond to concrete that is stronger than the concrete itself. EE RAPID PRIME can be used for priming and sealing porosity in concrete, masonry and other non metallic substrates before coating with polyurea spray, polyurethane or epoxy coatings, mortars or screeds.

**SUBSTRATES.** EE RAPID PRIME should be applied to dry cured substrates but trace amounts of surface moisture can be tolerated.

**PREPARATION** Concrete substrates should preferably be diamond ground or blasted but if this is not possible the surface must be clean and free of loose material, laitance, oil, grease etc.

**MIXING** Add all of the hardener to the tin of resin and mix slowly for several minutes preferably using a flat mixing blade in a drill. Try not to mix air in with the resin as this will reduce pot life.

If you require a smaller quantity or are unable to use all of the material within its pot life, weigh out resin and hardener in the proportions specified on the label using digital scales.

**SOLVENT** Up to 10% of PU solvent may be used for spray application.

**APPLICATION** EE RAPID PRIME can be applied by brush, roller or airless spray.

A thin coat should be applied ensuring that the material is worked well into pin holes and imperfections so that 100% of the surface has been covered. Avoid leaving excess material to form thick areas as foaming may occur.

On some porous substrates a second coat may be required to completely seal all porosity.

**OVER-COATING** EE RAPID PRIME can be over-coated with virtually all other types of coating as soon as it can be walked on which is 20-40 minutes in most conditions.

EE RAPID PRIME will chemically bond to epoxy, polyurethane and polyurea coatings provided they are applied before the EE RAPID PRIME is fully cured. We recommend that EE RAPID PRIME is over-coated within 48 hours.

## ADVANTAGES OF EE RAPID PRIME



**RAPID:** Can usually be over-coated in 20-40minutes

**AMAZING ADHESION:** Quickly develops an exceptional bond to dry and slightly damp substrates

**EASY:** Is easy to mix and apply

**LESS STRESS:** Long pot life after mixing gives ample time for application

**COMPATIBLE:** Can be over-coated with most other coatings including epoxy, polyurea, polyurethane, polyaspartic etc.

**ADAPTABLE:** Can be applied to ground or blasted concrete or old surfaces that are free from oil and other contamination

## EE RAPID COLD CURE PRIMER -Specification

|                           |   |
|---------------------------|---|
| Type                      | Two part moisture activated modified polyurea coating                       |
| Mix Ratio                 | See label on tin  |
| Hardener                  |   |
| Resin Density             | 1.06 kg/litre   |
| Coverage                  | 6-8 m <sup>2</sup> /litre, depending on surface texture and porosity        |
| Minimum over-coating time | 20 minutes  |
| Maximum over-coating time | 48 Hours  |
| Solvent                   | Thin with PU if necessary and for spraying                                  |
| Colours                   | Clear   |
| Pack sizes                | 1, 2.5, 5 and 10 litre  |
| Shelf Life & Storage      | 6-12 months in original, un opened container. Store in cool, dry conditions |