

### Description

RoKprime EPSF is a solvent free, two-component epoxy resin based primer, designed for use with ROK flooring and coating systems

### Typical Applications

On mineral based substrates such as concrete and cementitious screeds for bonding ROK systems. If necessary the product may be diluted with RoK Thinners No. 1 up to 10% by volume to aid penetration of dense substrates and encourage deep absorption into weak or friable surfaces requiring remediation.

### Features

- Solvent free (undiluted)
- Easy to apply
- Optimum bond strength

### Packaging

4 & 20ltr units

### Method of Application

#### 1 SURFACE PREPARATION

- Prepare the substrate by either shot blasting, scabbling or diamond grinding to remove surface laitance, unsound material, plaster, existing paint finishes, oil, grease and any other contaminants to provide a clean, open textured substrate.
- Vacuum to remove any dust and debris deposits created by the preparation process.

#### 2 MIXING

- The entire contents of part B (hardener) should be poured into the part A (base) and thoroughly mixed using a suitable slow speed electric mixer for 1 minute. The sides of the tin should then be scraped and mixing should continue for a further 2 minutes.
- When diluting, add the RoK Thinners No. 1 after the initial 1 minute of mixing, then continue to mix for a further 2 minutes.

#### 3 APPLICATION

- RoKprime EPSF should be applied as soon as the mixing process is completed using a medium pile roller at 0.2 ltr/m<sup>2</sup>. Porous substrates may require a second coat. When applying subsequent epoxy or polyurethane coatings or smoothing screeds from the ROK range, these should be applied within 24 hours @ 20°C.
- When using RoKprime EPSF as a primer for cementitious systems such as RoK-Floor smoothing screed, the primer must not be diluted and the primer must be broadcast to complete saturation with 0.4-0.8 mm quartz aggregate. Once the primer is sufficiently cured, any excess aggregate should be removed and the screed applied at the required thickness.
- When applying primer which has been diluted with thinners, apply using a medium pile roller at a minimum of 0.125 ltr/m<sup>2</sup>

#### 4 CLEANING

- All tools should be cleaned using water and detergent prior to curing. Cured material can only be removed mechanically.

#### Note:

- There should be a fully functioning vapour barrier below all concrete substrates.
- Surface moisture content of the concrete substrate should be less than 4%
- Materials on site should not be stored in direct sunlight and should be kept in temperatures at or below 27 degrees

#### TECHNICAL DATA

<b>Compressive Strength</b>	≥ 50N/mm <sup>2</sup> (BS 6319:2)
<b>Flexural Strength</b>	≥ 35N/mm <sup>2</sup> (BS 6319:3)
<b>Tensile Strength</b>	≥ 15N/mm <sup>2</sup> (BS 6319:7)
<b>Bond Strength</b>	≥ 2.0 Greater than Host Concrete (ASTM C881)

#### Theoretical Coverage

0.2ltr/m<sup>2</sup>

0.125ltr/m<sup>2</sup> with 10% RoK Thinners No. 1

# RoKprime EPSF

## SOLVENT FREE EPOXY PRIMER



### Storage

When stored in dry conditions out of sunlight in original unopened packaging this product has a shelf life of 12 months. Storage above 35°C will reduce shelf life and product performance.

### Health and safety Precautions

As with all epoxy resins, work cleanly at all times. Skin and eye contact should be prevented by the use of plastic or rubber gloves, eye protection, barrier creams and protective clothing. Any resin or hardener in contact with the skin should be removed with warm soapy water or a resin removing cream. NOT solvent. In case of eye contact wash copiously with water and in the case of accidental ingestion, obtain immediate medical attention. Provide good work area ventilation. See MSDS for further information.

**Pidilite MEA Chemicals L.L.C offers a wide range of structural protection and waterproofing systems:**



WATERPROOFING



CONCRETE & STRUCTURAL REPAIR



CRACKFILL & SEALANTS



BONDING AGENTS



SURFACE PLASTERS



GROUTS & ANCHORS



MORTARS



MARBLE & STONE PROTECTION



PERFORMANCE FLOORING



UNDERLAYMENTS



SPECIALITY CONSTRUCTION PRODUCTS



TILE ADHESIVES & GROUTS



**Pidilite MEA Chemicals LLC**  
PO Box 120657  
Dubai, United Arab Emirates  
Tel: +971 4 884 9880  
Fax: +971 4 884 9879  
Web: [www.pidilitemea.com](http://www.pidilitemea.com)

**Disclaimer:** The product information & application details given by the company & its agents have been provided in good faith & ment to serve only as general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problem, quality of other materials used and the on-site workmanship are factors beyond our control, there are no expressed or implied guarantee/warranty as to the other results obtained. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products