

EPS Primer

Chemical resistant solvent-based epoxy primer



“maintenance made easy”



PRODUCT DESCRIPTION

EPS Primer is a two part high solids epoxy resin using a Xylene/n-Butanol solvent mix in an advanced, medium viscosity formulation. Hard-wearing, totally impervious and very chemical resistant, EPS Primer is ideal for use on steel as it contains an anticorrosive pigment.

TYPICAL USES

Typical applications include floors, ramps, stairs, fire escapes, gantries, machinery, tanks, pipework and ducting.

SUITABLE SUBSTRATES

EPS Primer may be applied to steel, cast iron, architectural aluminium and galvanised steel.

COLOUR

EPS Primer is reddish-grey in colour.

PACKAGING

EPS Primer is supplied in pre-measured quantities as a two part 5kg unit, comprising an epoxy resin blend Part 'A' and hardener Part 'B'.

DIRECTIONS FOR USE

SURFACE PREPARATION

Surface must be clean, dry and free from dirt, grease and other contamination.

Previous paint should be removed, or if this is not feasible, the product should be tested on a small area first to ensure compatibility with the existing coating. Scale or rust should be removed as far as possible. **NO LOOSE OR FLAKING RUST SHOULD REMAIN.** Exposed metal surfaces should ideally be prepared to minimum Sa2 standard and primed within 2 hours.

DIRECTIONS FOR USE Cont.**MIXING**

Having fully prepared the substrate, stir the individual components before mixing together. Add part 'B' to part 'A' and thoroughly mix for at least 3 minutes. For best results use a heavy duty slow speed drill with a mixing paddle.

ENSURE THOROUGH MIXING AS AN UNMIXED PRODUCT WILL RESULT IN A POOR OR NON-CURE SITUATION.

Keep all components at room temperature for 24 hours before use.

APPLICATION

Apply by brush, roller or airless spray, making sure that the surface is completely covered. Particular attention should be given to protrusions and other areas of high potential wear. When finished, **DO NOT** scrape the remaining contents from the container as this will invariably include unmixed raw resin.

APPLICATION TEMPERATURE

Normal application temperature range is between +10°C and +25°C.

POT LIFE & CURING TIME

The pot life once mixed is up to 18 hours at +20°C. Initial curing takes place within 6-8 hours, and *EPS Primer* is recoatable after 8 hours. Early overcoating between 18-24 hours is strongly advised. If this interval exceeds 24 hours the previous coat should be abraded to ensure adhesion. Full strength is achieved after 7 days.

COVERAGE

The coverage of *EPS Primer* is 25-30m² per 5.0kg unit, depending on the texture and porosity of the surface.

CLEANING

Tools and equipment should be cleaned whilst resin is still wet with Solvent Cleaner.

Hands and skin should be cleaned immediately with Organic Hand Cleaner.

SHELF LIFE & STORAGE

Shelf life in unopened containers is approximately 12 months subject to conditions of storage.

Store in a cool, dry, frost-free environment away from sources of ignition at between 10°C and 25°C.

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EN 13813 SR-B2.0-IR>9.8

Synthetic resin screed material for use internally

Reaction to fire:	B _{fl} -s1
Release of corrosive substances:	SR
Bond strength:	B>3.7 ¹
Impact resistance:	IR>9.8
Wear resistance:	NPD ²
Compressive strength:	NPD ²
Flexural strength:	NPD ²
Surface hardness:	NPD ²
Resistance to rolling wheel with floor covering:	NPD ²
Shrinkage and swelling:	NPD ²
Consistency:	NPD ²
pH value:	NPD ²

1. Determined according to BCA method.
2. Coating did not disbond from concrete.

HEALTH & SAFETY

Before using this product, please ensure you have received and read carefully both the Hazard Label applied to the container and the relevant Material Safety Data Sheets.

ANY QUESTIONS?

Please do not hesitate to contact us for advice regarding the use of this product or its suitability for your particular application. Our aim is to provide all the technical help you need to make an informed choice and achieve total success.

Polycote Technical Helpline

01234 846400

All reasonable care has been taken in supplying the above information. However, any figures quoted do not constitute a specification but represent typical values obtained. It is the customer's responsibility to ensure for himself that the product is fit for the intended purpose and that conditions are suitable. Any technical advice is offered in good faith, but without warranty. This is also applicable when proprietary rights and third parties are involved. In the light of the Company's policy of continual research and development, it is the customer's responsibility to ensure that the information contained herein has not been superseded.

REV: 06/17

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