

Flortex® EPS

Chemical resistant solvent-based epoxy coating



“maintenance made easy”



PRODUCT DESCRIPTION

Flortex® EPS is a self-priming 60% solids epoxy resin using a Xylene/n-Butanol solvent mix, incorporating quality high build fillers in an advanced, medium viscosity formulation. Its hard-wearing and totally impervious surface offers excellent chemical resistance and withstands heavy wheeled traffic.

Its solvent-based formulation gives Flortex® EPS the advantage of an 18 hour pot life with a rapid cure time, allowing for intricate work or several coats in one mix.

TYPICAL USES

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

SUITABLE SUBSTRATES

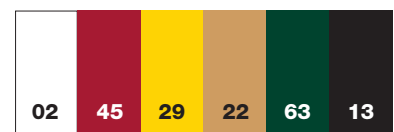
Flortex® EPS may be applied to concrete, brick, timber, architectural aluminium and galvanised steel.

PACKAGING

Flortex® EPS is supplied in pre-measured quantities as a two part 5.0kg unit, comprising an epoxy resin blend Part 'A' and hardener Part 'B'.

COLOUR GUIDE

Available in 6 standard colours or we can make it to your specification on any order over 30 units.



The colours indicated here are approximate and should not be taken as the exact shade.

DIRECTIONS FOR USE

SURFACE PREPARATION

Flortex EPS should only be applied to a well prepared, abraded (by shotblasting or similar), clean, dry surface, free of oil and grease.

If applying Flortex EPS to a metal surface, this will need priming first with EPS Primer.

DIRECTIONS FOR USE

MIXING

Having fully prepared the substrate, stir the individual components before mixing together. As pigment may 'sink', ensure that the mixing is very thorough and from the bottom of the container.

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.**

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.

POT LIFE & CURING TIME

The pot life once mixed is 18 hours at +20°C. Initial curing takes place within 4-6 hours and *Flortex EPS* is recoatable after 4-6 hours. Early overcoating between 24-48 hours is strongly advised. If this interval exceeds 48 hours the previous coat should be abraded to ensure adhesion. Full strength is achieved after 7 days.

NON-SLIP APPLICATIONS

For slip resistance, sprinkle Calcined Bauxite aggregate onto the **WET** first coat. The normal sprinkling rate is 4-8m² per 1kg aggregate, but this rate may be varied between 0.5m²-10m²

per 1kg, depending on slip resistance required. This method allows selective areas of non-slip treatment to be applied as required. Spiked shoes should be worn to avoid disturbing the wet coating. Allow to cure before overcoating to encapsulate the aggregate.

APPLICATION TEMPERATURE

Normal application temperature range is between +10°C and +30°C.

COVERAGE

The coverage of *Flortex EPS* is approximately 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 (between 10°C and 25°C) away from sources of ignition.



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EN 13813 SR-B2.0-AR0.5-IR>9.8

Synthetic resin screed material for use internally

Reaction to fire:	B _{fl} -s1
Release of corrosive substances:	SR
Wear resistance:	AR0.5 ¹
Bond strength:	B>3.7 ²
Impact resistance:	IR>9.8
Compressive strength:	NPD ³
Flexural strength:	NPD ³
Surface hardness:	NPD ³
Resistance to rolling wheel with floor covering:	NPD ³
Shrinkage and swelling:	NPD ³
Consistency:	NPD ³
pH value:	NPD ³

1. Determined according to BCA method.
2. Coating did not disbond from concrete.
3. NPD: Characteristic value not specified.

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