Technical Data Sheet

Flortex® EPS

Flortex® EPS

Chemical resistant solvent-based epoxy coating

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 hardwearing and totally impervious surface offers excellent chemical resistance and withstands heavy wheeled traffic.

Its solvent-based formulation gives *Flortex® EPS* the advantage of up to 8 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.
Colour:	Available in 3 standard colours (black, yellow & white) or we can make it to your specification on any order over 30 units.
Packaging:	*Flortex® EPS* is supplied in pre-measured quantities as a two part 5kg unit, comprising an epoxy resin blend Part 'A' and hardener Part 'B'.

Direction 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.

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. Allow to stand for 15 - 20 minutes when mixed, before applying.

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.

Application Temperature

Normal application temperature range is between 5C and 30˚C.

Non-Slip Application

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.

Pot Life & Curing Times

The pot life once mixed is 8 hours at 15˚C. Initial curing takes place within 4-6 hours and *Flortex EPS* is recoatable at 15˚C after 4 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.

Pot Life:	Up to 8 hours at 15°C
Touch dry:	1 hour @ 15°C
Walk on time:	6 hours @ 15°C
Traffic time:	12 hours @ 15°C
Recoat time:	4 hours @ 15°C

Coverage

The coverage of *Flortex EPS* is approximately 6m^2 per kg, depending on the texture and porosity of the surface.

Cleaning

Tools and equipment should be cleaned whilst resin is still wet with solvent cleaner.

Version 2

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 between 5°C and 20°C.

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**