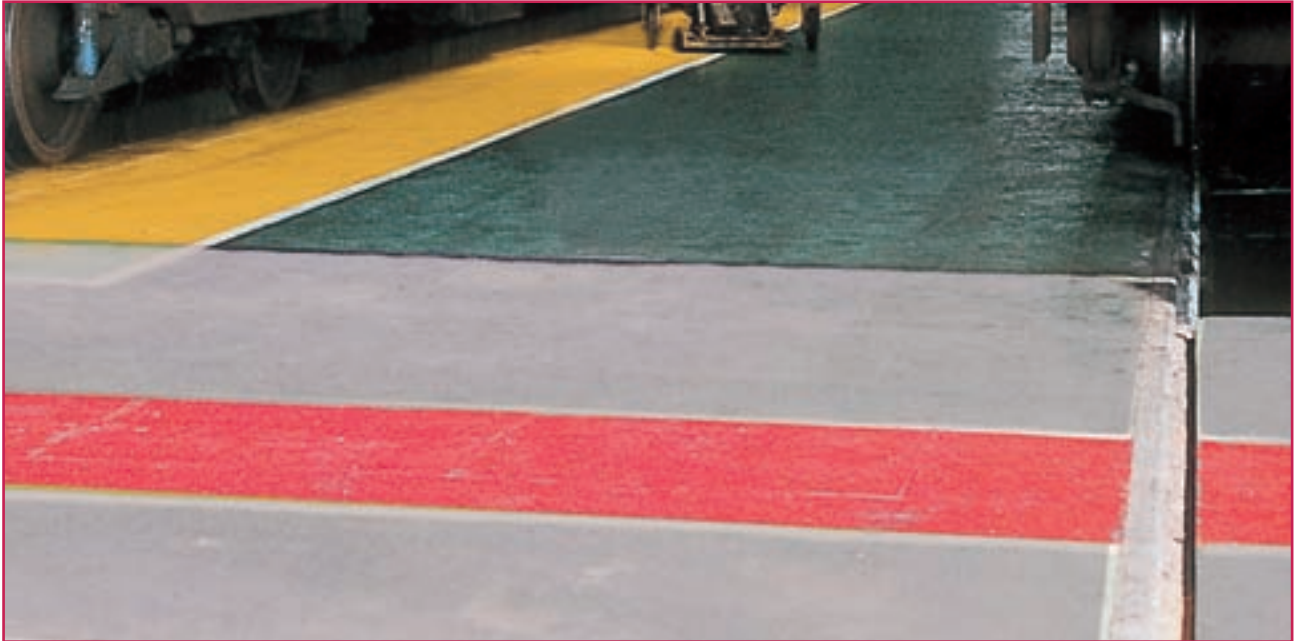


# Flortex EP

**Extremely hard wearing pure epoxy floor coating**



**“maintenance made easy”**



## PRODUCT DESCRIPTION

**Flortex EP is a non-toxic two part 100% solids solvent-free epoxy resin, incorporating quality high build fillers in a highly advanced formulation. It provides an extremely hard wearing coloured coating with a totally impervious gloss finish. Its pure epoxy formulation withstands heavy forklift traffic, oil chemicals and jet washing. Special formulations available include Extra Fast Hardeners (XFH) and extra chemical resistance. Please contact Polycote Technical Helpline.**

## TYPICAL USES

Being solvent-free, taint-free, odourless and non-toxic, Flortex EP is ideal for use in medical, animal, food processing or working environments. Typical applications include warehouses, factories, showrooms, workshops, laboratories, kitchens and dairies.

## SUITABLE SUBSTRATES

Following application of the appropriate primer, Flortex EP may be applied to old and new concrete, quarry and ceramic tiles, terazzo, timber and steel.

## COLOUR

Flortex EP is available in a selection of stock colours, or in a large range of BS4800 and RAL specifications.

## PACKAGING

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

## PHYSICAL PROPERTIES

Compressive Strength	68N/mm <sup>2</sup>
Flexural Strength	85N/mm <sup>2</sup>
Tensile Strength	45N/mm <sup>2</sup>
Elastic Modulus	2.8KN/mm <sup>2</sup>

## COLOUR GUIDE

Available in 15 standard colours or we can make it to your specification on any order over 10 units

White 02	Light Grey 01	Mild Grey 05	Buff 22
Dark Grey 09	Black 13	Yellow 29	Tile Red 44
Deep Red 45	Safety Red 46	Moss Green 66	Dark Green 63
Light Blue 76	Mild Blue 77	Dark Blue 78	

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

## DIRECTIONS FOR USE

### SURFACE PREPARATION

#### **THOROUGH SUBSTRATE PREPARATION IS ESSENTIAL.**

Prior to application of Flortex EP, a suitable primer should be applied.

These include Polycote EP Primer, WD Primer or OT Primer, depending on the type and condition of the surface.

Please contact Polycote Technical Helpline, and prepare the surface in accordance with the appropriate primer data Sheet.

### 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.**

### APPLICATION

Apply by brush, roller or squeegee, making sure that the surface is completely covered.

Particular attention should be given to doorways and other areas of high traffic. When finished, **DO NOT** scrape the remaining contents from the container as this will invariably include unmixed resin.

### APPLICATION TEMPERATURE

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

Lower temperature formulations are available on request.

### NON-SLIP APPLICATIONS

For slip resistance, sprinkle Calcined Bauxite aggregate onto the **WET** primer coat.

The normal sprinkling rate is 4-8m<sup>2</sup> per 1kg aggregate, but this rate may be varied between 0.5m<sup>2</sup>-10m<sup>2</sup> 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

Flortex EP – approximately 40 minutes at 20°C.

Flortex EP XFH – approximately 15 minutes at 20°C.

### CURING TIMES

Flortex EP – Initial cure within 8-10 hours depending on temperature.

Flortex EP XFH – Initial cure within 4-6 hours depending on temperature.

To ensure a good intercoat chemical bond, overcoat within 36 hours.

Full strength is achieved after 7 days.

### COVERAGE

The coverage of Flortex EP is 20-25m<sup>2</sup> per 5kg unit, depending on the texture and porosity of the surface, and the film thickness required.

### 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.

### HEALTH & SAFETY

**Before using this product, please ensure you have received & read carefully both the Hazard Label applied to the container & 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 & 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 & that conditions are suitable. Any technical advice is offered in good faith, but without warranty. This is also applicable when proprietary rights & third parties are involved. In the light of the Company's policy of continual research & development, it is the customer's responsibility to ensure that the information contained herein has not been superseded.

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