

Flortex EP

Extremely hard wearing pure epoxy floor coating



“maintenance made easy”



PRODUCT DESCRIPTION

Flortex EP is a two part epoxy floor coating with a 100% solids content. Providing a hardwearing, easy clean surface with a coloured gloss finish for medium duty traffic. Aggregate may be added during application to create a non-slip surface.

It is easy to apply without the need for solvents or thinners and will protect concrete from oil and chemical spillages.

TYPICAL USES

Flortex EP is ideal for use in warehouses, factories, processing plants, showrooms, hospitals and schools.

SUITABLE SUBSTRATES

Flortex EP may be applied direct to most substrates, including old and new concrete and polymer modified cementitious screeds.

COLOUR

Flortex EP is available in a selection of stock colours, or in a large range of BS4800 and RAL specifications (subject to minimum quantity).

PACKAGING

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

DIRECTIONS FOR USE

SURFACE PREPARATION

THOROUGH SUBSTRATE PREPARATION IS ESSENTIAL.

Recommended methods are:

Powerfloated concrete – use a Vacuum Assisted Shotblaster to remove weak laitance and provide a surface key for the coating. If this is not possible, chemically etch with Polycote *Etch IT* then rinse thoroughly and allow to dry.

Loose paint or rust – remove, using a Vacuum Assisted Shotblaster, Floor Grinder or equivalent method.

Oil or grease – use Hot Compressed Air for large areas of contamination. Smaller, isolated deposits may be chemically cleaned with Polycote *Degrease IT*, then rinsed thoroughly and allowed to dry.

Concrete must include a functional damp-proof membrane and be free of rising moisture.

DIRECTIONS FOR USE Cont.

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

Materials should be stored at 15°C to 25°C for a minimum of 8 hours before use.

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.*** Do not add solvent/thinners to the product.

APPLICATION

Apply by brush or roller, 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 raw resin.

NON-SLIP APPLICATIONS

For slip resistance, sprinkle Calcined Bauxite aggregate onto the WET first coat. The normal sprinkling rate is 0.5kg to 2kg aggregate per 30 sq.m., 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 the first coat to fully cure then remove any excess aggregate before re-coating using a squeegee followed by back-rolling with a short pile roller.

POT LIFE & CURING TIME

The pot life once mixed is approximately 25 minutes at +20°C. Initial curing takes place within 24 hours depending on temperature and humidity.

To ensure a good intercoat chemical bond, the top coat should be applied between 12 and 36 hours later. If this interval is exceeded, abrade the first coat to ensure intercoat adhesion.

Will accept pedestrian traffic after 24 hours, light wheeled traffic after 4 days and full cure strength is reached at 7 days.

APPLICATION TEMPERATURE

Normal application temperature range is between +10°C and +25°C. Best results are obtained in warm conditions (minimum 15°C).

COVERAGE

Should a second coat of *Flortex EP* be needed after initial curing has taken place – see 'Pot Life & Curing Times', this should be applied at right angles to the first coat.

The coverage of a 5kg unit of *Flortex EP* is approximately 20m², depending on the texture and porosity of the surface.

CLEANING

Tools and equipment should be cleaned whilst resin is still wet using 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, between 10°C and 30°C.

CE	
Polycote UK, Centre Point, Wolseley Road, Woburn Road Industrial Estate, Kempston, Beds MK42 7EF	
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EN 13813 SR-B2,0 -AR0,5 -IR4	
Synthetic resin screed material for use internally in buildings as per Polycote data sheet	
Wear resistance:	AR 0.5
Bond strength:	B 2,0
Impact resistance:	IR 4

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.

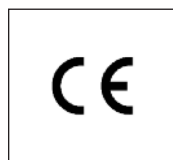
ANY QUESTIONS?

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 & 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: 11/17

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