

Flortex[®] Chemical Coat

Extremely chemical resistant solvent-free epoxy coating



“maintenance made easy”



PRODUCT DESCRIPTION

Flortex[®] Chemical Coat is a non-toxic two part 100% solids solvent-free epoxy resin incorporating quality chemical-resistant fillers in a highly advanced, low viscosity formula. Its totally impervious gloss finish is extremely hard wearing and resists heavy forklift traffic, jet washing and most chemicals.

TYPICAL USES

Designed for areas of harsh or extended chemical attack, Flortex[®] Chemical Coat is suitable for chemical bunds as well as general floor areas. Being solvent-free, non-taint, odourless and non-toxic, Flortex[®] Chemical Coat is ideal for use in medical, food-processing and working environments.

SUITABLE SUBSTRATES

Following application of the appropriate primer, Flortex[®] Chemical Coat may be applied to concrete, brick, quarry or ceramic tiles, terazzo and timber.

COLOUR

Flortex[®] Chemical Coat is available in a selection of stock colours, or in a large range of BS4800 and RAL specifications.

PACKAGING

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

PHYSICAL PROPERTIES

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

COLOUR GUIDE

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



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® Chemical Coat, the surface should be primed with Polycote EP Primer or WD Primer, depending on the type of substrate. Please contact Polycote Technical Helpline and prepare the surface in accordance with the appropriate primer Data Sheet.

Should the time lapse between priming and top coat exceed 48 hours, abrade the primer to ensure intercoat adhesion.

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.

Two coats are recommended in areas of high chemical aggression.

NON-SLIP APPLICATIONS

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

The pot life once mixed is 20-30 minutes maximum at +20°C. Initial curing takes place within 8-12 hours depending on temperature. To ensure a good intercoat chemical bond, overcoat within 36 hours. The area should be kept free of traffic for 24 hours, and chemical exposure for 7 days. Full strength is achieved after 7 days.

APPLICATION TEMPERATURE

Normal application temperature range is between +5°C and +25°C.

Lower temperature formulations are available on request.

COVERAGE

The coverage of Flortex® Chemical Coat is up to 17m² 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.

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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