

Flortex SG

Industrial water-dispersed epoxy floor coating



“maintenance made easy”



PRODUCT DESCRIPTION

Flortex SG is a self-priming non-toxic two part water-dispersed epoxy floor coating with a high solid content. Providing a hardwearing, easy clean surface with a coloured satin finish, its formulation includes quality fillers for good abrasion and chemical resistance. Aggregate may be added during application to create a non-slip surface.

Special formulations are available for extra chemical resistance/extra fast curing. Please contact Polycote Technical Helpline.

TYPICAL USES Being solvent-free, taint-free, odourless and non-toxic, *Flortex SG* is ideal for use in medical, animal and food environments. Typical applications include warehouses, factories, processing plants, showrooms, hospitals and schools.

SUITABLE SUBSTRATES *Flortex SG* may be applied direct to most substrates, including old and new concrete, stone, timber and metal.

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

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

COLOURS

02	01	05	09	13
20	22	29	45	46
60	62	76	77	

Colours indicated are approximate and should not be taken as exact shade.

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.

DIRECTIONS FOR USE Cont.

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.

Timber – remove any loose paint and abrade thoroughly. Ensure surface is clean and free of dust, oil and grease.

See relevant Data Sheet prior to application.

ONCE PREPARED, THE AREA MUST BE KEPT CLEAN AND FREE OF TRAFFIC.

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 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.

A second coat of *Flortex SG* should be applied after initial curing has taken place – see 'Pot Life & Curing Times'.

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 to dry then re-coat to encapsulate the aggregate.

POT LIFE & CURING TIME

The pot life once mixed is approximately 45 minutes at +20°C. Initial curing takes place within 16-24 hours depending on temperature and humidity.

To ensure a good intercoat chemical bond, the top coat should be applied between 16 and 24 hours later. If this interval is exceeded, abrade the first coat to ensure intercoat adhesion.

Will accept light traffic after 16-18 hours, full traffic after 48-72 hours and full cure strength is reached at 7 days.

APPLICATION TEMPERATURE

Normal application temperature range is between +10°C and +30°C. However, *Flortex SG* will cure at +5°C but curing times can be greatly extended at lower temperatures. If in doubt, please contact Polycote Technical Helpline for further advice.

COVERAGE

The coverage of *Flortex SG* coat is 30m² per 5kg unit, depending on the texture and porosity of the surface.

CLEANING

Tools and equipment should be cleaned whilst resin is still wet using warm soapy water.

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 15°C and 30°C.

CE	
Polycote UK, Centre Point, Wolseley Road, Woburn Road Industrial Estate, Kempston, Beds MK42 7EF	
13	
BSEN 13813 SR B 3.5 – AR 0.5 – IR>4 Resin coating/screed for use internally as per Polycote data sheet	
Wear resistance:	AR 0.5
Bond strength:	B 3
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.

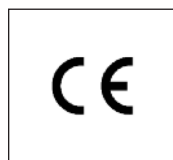
ANY QUESTIONS?

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: 06/17

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