

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 matt to semi-gloss 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.

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'

COLOUR GUIDE

Available in 16 standard colours or we can make it to your specification on any order over 30 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	Mid Blue 77	Dairy Blue 79
	<i>The colours indicated here are approximate and should not be taken as the exact shade.</i>	
Dark Blue 78		

DIRECTIONS FOR USE

SURFACE PREPARATION

THOROUGH SUBSTRATE PREPARATION IS ESSENTIAL.

Recommended methods are:

Powerfloated concrete - use a Vacuum Assisted Shotblaster to remove weak laitence 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.

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. 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 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 then recoat to encapsulate the aggregate.

POT LIFE & CURING TIME

The pot life once mixed is 1 hour at +20°C. Initial curing takes place within 4-6 hours depending on temperature. To ensure a good intercoat chemical bond, the top coat should be applied within 36 hours. If this interval is exceeded, abrade the first coat to ensure intercoat adhesion. 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 30-40m² 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.

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 & 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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