

Flortex® Steam Seal

An extremely hard-wearing, steam cleanable floor coating



“maintenance made easy”



PRODUCT DESCRIPTION

Flortex® Steam Seal is a non-toxic two part 100% solids solvent-free epoxy floor coating incorporating quality high build fillers, providing a totally impervious coloured gloss finish. Its pure epoxy flexible formulation makes

Flortex® Steam Seal one of the most flexible coatings available, with very high resistance to delamination when Steam Cleaned.

TYPICAL USES

Being solvent-free, taint-free, odourless & non-toxic, Flortex® Steam Seal is ideal for use in medical, animal or food environments, & offers good chemical resistance. Typical uses include warehouses, factories, showrooms, workshops, aircraft hangers & railway depots.

SUITABLE SUBSTRATES

Following application of the appropriate primer, Flortex® Steam Seal may be applied to old & new concrete, quarry & ceramic tiles, terrazzo, timber, steel & asphalt.

COLOUR

Flortex® Steam Seal is available in a selection of stock colours, or in a large range of BS4800 & RAL specifications.

PACKAGING

Flortex® Steam Seal is supplied in pre-measured quantities as a two part 15kg unit, comprising a coloured epoxy resin blend Part 'A' & a hardener Part 'B'.

PHYSICAL PROPERTIES

Compressive Strength	68N/mm ²
Flexural Strength	80N/mm ²
Tensile Strength	77N/mm ²
Elastic Modulus	3.7KN/mm ²

COLOUR GUIDE

Available in 5 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 PREPERATION

THOROUGH THSUBSTRATE PREPARATION IS ESSENTIAL.

Prior to application of Flortex® Steam Seal a suitable primer should be applied. These include Polycote™ **EP Primer**, **WD Primer** or **OT Primer**, depending on the type & the condition of the surface.

Please contact Polycote technical helpline, & 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' & thoroughly mix for at least 3 minutes. For best results use a heavy duty slow speed drill with a mixing paddle.

ENSURE THOROUGH MIXING AN UNMIXED PRODUCT WILL RESULT IN A POOR OR NON-CURE SITUATION.

APPLICATION

Flortex® Steam Seal may be applied by brush, roller or squeegee, depending on the film thickness required.

To achieve a SMOOTH high build finish – apply Flortex® Steam Seal at a rate of 0.3kg to 1.0kg per 1m² using a roller or squeegee.

When the quantity of resin used exceeds 0.5kgm², air bubbles may become trapped in the coating. These are removed by using a Polycote spiked roller. This must be carried out immediately after application of the resin **BEFORE CURING TAKES PLACE**. Spiked shoes should be worn to avoid disturbing the wet coating.

NON-SLIP APPLICATIONS

For slip resistance, sprinkle Polycote Calcined Bauxite aggregate onto the **WET** Top 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. Re-roll coating to encapsulate the aggregate.

For alternative methods of applying non-slip aggregate, please contact Polycote technical helpline.

POT LIFE & CURING TIME

The pot life once mixed is 40 minutes maximum at +20°C. Initial curing takes place within 8-10 hours depending on temperature. To ensure a good intercoat chemical bond, Flortex® Steam Seal should be applied within 36 hours of priming &/or initial coating. If this interval is exceeded, abrade the first coat to ensure intercoat adhesion. Full cure strength is reached after 7 days.

APPLICATION TEMPERATURE

Normal application temperature range is between +10°C & +25°C.

COVERAGE

The coverage rate will vary depending on the texture & porosity of the substrate, & the film thickness & method of application used. For coverage rate guidelines see 'Application' section above.

CLEANING

Tools & equipment should be cleaned whilst resin is still wet with solvent cleaner.

Hands & skin should be cleaned immediately with organic hand cleaner.

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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