

# Flortex® Mezicoat

**A highly durable epoxy specifically designed for mezzanine / suspended flooring**



**“maintenance made easy”**



## PRODUCT DESCRIPTION

**Flortex Mezicoat is a self-priming non-toxic two part water-dispersed epoxy floor coating with a high solid content of 54%. Providing a hard wearing, easy clean surface with a coloured 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 the Polycote Technical Helpline for further information.**

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

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

**COLOUR** *Flortex Mezicoat* is available in a selection of 14 stock colours, or in a large range of BS4800 and RAL specifications (subject to minimum quantity).

**PACKAGING** *Flortex Mezicoat* is supplied in pre-measured quantities as a two part 5 kg unit comprising an acrylic resin Part 'A' and hardener Part 'B'.

## COLOUR GUIDE

Available in 14 standard colours or we can make it to your specification on any order over 30 units.

**Code:** Smooth finish 353 05 + colour reference

**Code:** Slip resistant finish 353 07 + colour reference

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

*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.**

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*, and 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 contain unmixed raw resin.

A second coat of *Flortex Mezicoat* 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 6-18m<sup>2</sup> per 1kg aggregate, 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 TIMES**

The pot life once mixed is 45 minutes at +20°C. Initial curing takes place within 16-24 hours depending on temperature. 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. Full cure strength is reached at 7 days.

**APPLICATION TEMPERATURE**

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

**COVERAGE**


The coverage of *Flortex Mezicoat* is 30-40m<sup>2</sup> per 5.0kg 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 (15°C-30°C) and away from sources of ignition.

	
Polycote UK, Centre Point, Wolseley Road, Woburn Road Industrial Estate, Kempston, Beds MK42 7EF	
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<b>BSEN 13813 SR-B3.5-AR 0.5 - IR&gt;4</b>	
Resin coating/screed material for use internally	
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?**

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 and 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 and that conditions are suitable. Any technical advice is offered in good faith, but without warranty. This is also applicable when proprietary rights and 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**

