



# Technical Data Sheet

## Flortex® PU Twin Pack Satin

Rev: April 2023

### Flortex® PU Twin Pack Satin

### Product Description

A twin pack, highly effective satin floor sealer

Flortex® PU Twin Pack Satin has been created to provide a totally impervious hard wearing floor sealer with a satin finish. The polyurethane formulation will adhere to a wide range of substrates including walls and floors, and will reduce porosity whilst providing a dustproof surface. The coating is not only UV light resistant but is also extremely easy to clean. Impact and abrasive resistance clear surface sealer. Resistant to hot water. Good chemical resistance.

### Typical Uses

Flortex PU Twin Pack Satin is ideal for treatment of dusting concrete floors in factories, warehouses, garages, workshops, production and plant areas.

#### Suitable substrates:

Flortex PU Twin Pack Satin is designed for application onto epoxy resin based screeds to reduce surface absorbency and ensure ease of cleaning in hygienic locations.

Flortex PU Twin Pack Satin can also be applied onto walls as a clear, durable seal coating. A clear water based coating for sealing porous surfaces and providing a more cleanable protective coating.

#### Packaging:

Flortex PU Twin Pack Satin is supplied in 5 ltr units.

### Direction For Use

#### Surface Preparation

#### **THOROUGH SUBSTRATE PREPARATION IS ESSENTIAL.**

Surfaces to be coated must be clean, dry and free of loose contaminants. Air temperature minimum 5°C, maximum 30°C, humidity 70% RH maximum. Ensure good drying conditions prevail throughout the application and cure of the product.

#### 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. Care must be taken when mixing to ensure that the hardener is properly dispersed.

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

### Application

Flortex PU Twin Pack Satin can be applied by brush or medium pile roller at an approximate thickness of 250 microns per coat. Two coats are recommended. If it is intended to apply two coats, the second coat should be cross-rolled, (applied 90 degrees to the first). Furthermore, it is important to note that the second should be applied 'wet-on-wet'. Therefore, to have two people applying at the same time can make the application process faster and easier. The second applicator will need a pair of spiked shoes (available from Polycote) in order to be able to stand on/walk over the first coat. Ensure that material is applied evenly.

### Application Temperature

Normal application temperature is between 10°C and 25°C. Surface temperature must be above 5°C. Where possible it is recommended that the application area is heated to a minimum temperature of 15°C for 24 hours prior to application to allow the ambient and substrate temperature to stabilise prior to installation. The maximum relative humidity should be 75%.

## Coverage

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The recommended coverage rate is 20sq.m per 5kg unit. However, please note that this will vary according to the texture and porosity of the substrate.

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## Pot Life & Curing Time

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The pot life once mixed is 60 minutes maximum at +20°C.

Recoat time (min.) is 16 hours and (max.) 36 hours.

The area should be kept free of light traffic for 16 hours, and medium traffic for 48 hours. Full strength is achieved after 7 days.

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## Cleaning

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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.

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## Shelf Life & Storage

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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 and out of direct sunlight.

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## Health & Safety

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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.

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## Any Questions

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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**

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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 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.