

# Flortex® PU

**Tough clear polyurethane  
single pack floor sealer**



**“maintenance made easy”**



## PRODUCT DESCRIPTION

**Flortex® PU is a self-priming single pack of high solid polyurethane floor coating. Its tough clear gloss finish is easy to maintain and provides a seamless oil and chemical resistant barrier, capable of withstanding medium forklift traffic and hot tyres.**

### TYPICAL USES

Typical applications include factory floors, warehouses, loading areas and workshops.

### SUITABLE SUBSTRATES

Flortex® PU may be applied to moisture-free concrete or timber floors.

### COLOUR

Flortex® PU is a clear, colourless coating.

### PACKAGING

Flortex® PU is supplied in 5 litre and 20 litre units.

## 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.

**Loose or friable concrete** - use a Vacuum Assisted Shotblaster. If this is not possible, chemically clean with Polycote Etch IT then rinse thoroughly and allow to dry.

**Oil or grease** - use Hot Compressed Air for large areas of contamination. Smaller, isolated deposits may be chemically cleaned with Polycote

**DIRECTIONS FOR USE Cont.**

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.**

**IMPORTANT NOTE**

Flortex PU should not be applied to surfaces with a moisture content exceeding 6%.

**APPLICATION**

Apply by brush or roller (nylon medium pile). Two coats are usually sufficient. The second coat must be applied between 4-8 hours after the first to ensure a good chemical bond. If this interval is exceeded, abrade the first coat to ensure intercoat adhesion.

**NON-SLIP APPLICATIONS**

For slip resistance, sprinkle Calcined Bauxite aggregate onto the WET first coat. The normal sprinkling rate is

4-8m<sup>2</sup> per 1kg aggregate, but this rate may be varied between

0.5m<sup>2</sup>-10m<sup>2</sup>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 is approximately 24 hours. Curing time is dependent on temperature and humidity. Initial curing takes place within 3 hours, although full curing is not achieved until 48 hours. The second coat must be applied between 4-8 hours of the first to ensure a good chemical bond. If this interval is exceeded, abrade the first coat to ensure intercoat adhesion.

**APPLICATION TEMPERATURE**

Flortex PU should be applied at a temperature between +5°C and +25°C.

**COVERAGE**

The coverage rate of Flortex PU is 120-240m<sup>2</sup> per 20kg unit, depending on the texture and porosity of the surface.

**CLEANING**

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.

**SHELF LIFE AND STORAGE**

Shelf life in unopened containers is approximately 3 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?**

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 & 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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