

Flortex[®] PU Clear

**Tough clear polyurethane
single pack floor sealer**



“maintenance made easy”



PRODUCT DESCRIPTION

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

COLOUR

Flortex[®] PU Clear is a straw coloured translucent coating.

PACKAGING

Flortex[®] PU Clear 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 Clear should not be applied to surfaces with a moisture content exceeding 4%.

APPLICATION

Flortex PU is applied by brush or roller (Please note; a nylon, medium pile roller sleeve is best).

The most important consideration now is the porosity of the substrate, how much you would like the coating to penetrate and what sort of finish you would like.

The advice given for very porous surfaces is to 'flood' the floor so that good penetration is achieved as this will greatly strengthen the substrate. However, take care not to leave any standing coating to 'puddle' as the product may 'foam' and leave a milky white discolouration.

It is then important to note that the floor may then also look patchy, this being caused by some areas being fully coated (due to less porosity) and appearing glossy, whilst other more porous areas are left matt. This is simply where the coating has penetrated and disappeared from the surface. Give further coats until a uniform finish is achieved. Two coats will suffice for nearly all floors, although please note that very porous surfaces might take even three or four coats. Remember; the greater the porosity, the less coverage you will achieve.

Make certain that sufficient time is allowed between coats to allow the previous coating to fully cure, this normally being from 2-4 hours depending on humidity and temperature. If the interval between coats exceeds 48 hours, it is advisable to abrade the surface to ensure good intercoat adhesion. If the second coat is applied before the first coat has dried, this can dramatically affect the ultimate curing time and the adhesive strength of the material, once cured.

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.

CURING TIME

Curing time is dependent on temperature and humidity. Initial curing takes place within 2-3 hours at 20°C with approx. 40% humidity, although full curing is not achieved until 7 days.

APPLICATION TEMPERATURE

Flortex PU Clear should be applied at temperatures between 10°C and 25°C.

COVERAGE

The coverage rate of *Flortex PU Clear* is approximately 25-40m² for 5L, or 100-160m² for 20L, 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 & STORAGE

Shelf life in unopened containers is approximately 6 months subject to conditions of storage. Store in a cool, dry, environment between 10°C and 25°C.

Flammable. Keep away from naked flames.

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: 12/14