

FLORTHANE SF

SOLVENT FREE POLYURETHANE FLOOR COATING

PRODUCT DESCRIPTION

FLORTHANE SF is a solvent free two components, based on polyurethane resin. **FLORTHANE SF** combines superior chemical and abrasion resistance with excellent adhesion and colour retention.

PRODUCT ADVANTAGES

- Abrasion resistant
- Improved impact resistance Solvent free, low odour
- Aesthetically attractive – brightens up dull factories and warehouses
Seamless and hygienic finish
- Low maintenance

TYPICAL USES, ADVANTAGES

FLORTHANE SF is a general service polyurethane coating designed to improve cleanability, increase stain resistance and abrasion resistance.

- Workshops.
- Packaging areas. Warehousing areas.
- Soft drink bottling plants. Car Park Decks

PHYSICAL CHARACTERISTICS

Application.....Brush, Roller.
Mixing ratio.....Base: Hardener as directed on the container.
Pot Life.....60 Minutes,at 23°C
Drying Time.....Touch Dry-60 Mins, Hard Dry-6 Hrs.
Intercoat Interval..... 6-8 Hours Minimum.
Dry Film Thickness..... 400 microns/kg per coat depending on porosity.
Coverage..... 2.5sq.mts/kg in two coats depending on porosity, roughness &method of application.
Recommended no. of coats..... 2 min.

METHOD OF APPLICATION

The system should be installed by approved contractors. Following information should be used as a guideline.

1. SURFACE PREPARATION.

The long-term durability of the applied FLORTHANE SF topping is dependent on the adhesive bond achieved between the flooring material and substrate. It is most important therefore, that substrate surfaces are correctly prepared prior to application.

- a) Before application, the surface to be coated, should be free from loose particles, rust, oils, grease, or earlier coatings and should be thoroughly dry.
- b) After surface is dry, all repair work like sealing of joints, crack filling of cavities and crevices should be carried out.

APPLICATION OF COATING

PRIMER:

Apply one coat of recommended primer on clean and dry surface to be coated. Choice of primer will depend on the type of substrate.

COATING:

1. Stir well before mixing the base and the hardner of the two components system and mix in the prescribed ratio.
2. Apply first coat on primed surface by brush, roller or spray and allow it to air dry for at least 4 hours preferably in a dust free atmosphere.
3. Apply second coat in similar manner with an intercoat interval of 8-12 hrs.

SPECIAL CONDITIONS Colours

We shall always endeavour to supply the material in the colour shade ordered. However exact matching will not be possible.

Batch to batch colour variation may occur. Ensure that materials for final application are always drawn from the same batch.

Where colour matching is required over more than one order or delivery. The technical department must be contacted prior to placing the order(s) and the requirement stated clearly on all orders relating to the project(s).

SUBSTRATE

Must be of sufficient strength to support loads applied through the topping.

Must be free from rising damp.

All contamination must be removed to give a clean dry textured surface.

HANDLING AND SAFETY

Keep the containers tightly sealed when not in use. Avoid skin contact and inhalation of fumes (if any). While spraying it is advised to wear a mask. If it comes in contact with the body, wash affected parts of plenty of water. Incase of persistent irritation, contact a physician.