

COVERCRETE

Technical Bulletin

TF TOUGH FLOOR

Description

Covercrete TF is a solvent-free high-build coating based upon polyurethane technology which provides excellent resistances to abrasion, chemical attack and other physical aggression.

Composition

TF is a polyurethane resin system combined with abrasion resistant fine fillers.

Appearance

TF provides a smooth matt surface finish in a range of colours. Also available in clear, but as a gloss finish only.

Coverage Rates

1st coat 173 g / m² approximately 0.130 mm

2nd coat 150 g / m² approximately 0.115 mm

Durability

Excellent long - term wear resistance can be expected from a two coat application.

Thickness

Nominal 0.25 mm, dependent upon application rate and number of coats.

Typical Installations

TF is used in areas requiring good wear and chemical resistance combined with economical cost. It is suitable for chemical storage areas, warehousing, toilets, laboratories, or food preparation areas. Also used as a finish coat for **Covercrete SLQ** slip resistant system.

Substrates

TF adheres well to concrete, grano, metals, and wood.

Surface Preparation

To be assured of maximum adhesion and properties from **Covercrete** resin products the correct surface preparation is essential.

Application Conditions

TF is a medium viscosity resin which will apply and cure between 5 and 30°C. Maximum moisture content of substrate 10%.

Priming

TF does not normally require the use of a primer. When treating extremely weak or porous concrete it is advisable to prime with **Covercrete Primer**.

Mixing

TF (Coloured) is supplied as a 3-pack: the full contents of the hardener are to be added to the full contents of the resin container and mixed with a slow stirrer for one minute. Then add the full contents of the aggregate bag slowly and mix for 1 -2 minutes until lump-free mix is obtained.

Application Technique

Apply by medium nap roller directly from a paint tray. Push the resin well into the surface, making sure the floor is fully wetted, then pull back lightly with the roller to the required thickness. Use coverage rates as a guide to thickness.

Cure Schedule

Usable pot life @ 20°C 15mins

Initial film cure @ 20°C 60mins

Overcoat period @ 20°C 16 hours

Cure to foot traffic @ 20°C 24 hrs.



Maintenance

Covercrete TF treated floors can be readily cleaned using a proprietary cleaning solution.

Specification Details

Two coats **Covercrete TF** at a nominal 0.25 mm depending on coverage rates and number of coats. As part of the **Covercrete SLQ** system, apply over fully blinded resin surface observing coverage rates.

Chemical Resistances Technical Data

Good resistances to a wide range of chemicals.

Colours Available

Standard colours of Red, Grey and Cream.

All standard Covercrete colors.

Health & Safety

Please refer to the Material Safety Data Sheets (MSDS).

Storage, Mixing & Application

The storage, mixing and application conditions can affect the quality of the finish produced. Refer to MSDS

For more information:
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