

Ryeflor TF

Resin Floor Coating - FeRFA Type 2

Floor coating - 150 µm to 300 µm

Description

Ryeflor TF is a solvent free medium build coating based upon water based polyurethane technology which provides excellent resistances to abrasion, chemical attack and other physical aggression. Ryeflor TF is a low odour product and is suitable for use where curing odours could be problematic.

Typical Areas of Use

- ✓ Chemical storage areas
- ✓ Warehouses
- ✓ Toilets
- ✓ Laboratories
- ✓ Food preparation areas

Composition

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

Appearance

Ryeflor TF provides a smooth matt surface finish in a range of colours. Ryeflor TF is not colour fast and may change colour over time if subjected to UV light. This is more apparent in light colours, but does not compromise the integrity or product performance.

Durability

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

Thickness

Nominal 0.2mm over two coats dependant on application rate.

Chemical Resistance

Good resistance to a wide range of chemicals. Please refer to technical data sheet reference TD112.

Colours Available

Select range of colours available, please contact our Sales Team for a colour chart.

Ryeflor TF

Substrates

Ryeflor TF adheres well to concrete, grando, screeds and wood.

Coverage Rates

1 st coat	173g/m ²	Approx. 0.130mm
2 nd coat	150g/m ²	Approx. 0.115mm

Surface Preparation

To be assured of maximum adhesion and properties from Ryebrook resin products, the correct surface preparation is essential. Please refer to technical data sheet "Surface Preparation" reference TD102.

Application Conditions

Ryeflor TF is a medium viscosity resin which will apply and cure between 5 and 30 degrees. Maximum relative humidity in the substrate 85RH.

Priming

Ryeflor TF does not normally require the use of a primer. When treating extremely weak or porous concrete or screeds it is advisable to prime with an additional coat of Ryeflor TF.

Mixing

Ryeflor 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 speed electric stirrer for one minute. Then add the full contents of the aggregate bag slowly and mix for a further 1-2 minutes until a 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 surface is fully wetted, then pull back lightly with the roller to the required thickness. Use coverage rates as a guide to thickness.

Specification Detail

Two coats of Ryeflor TF at a nominal 0.25mm depending on coverage rates and number of coats.

Cure Schedule

Pot life at 20°	15 minutes
Initial film cure at 20°	60 minutes
Overcoat period at 20°	16 hours
Foot traffic at 20°	24 hours
Full cure at 20°	5 days
Calculated VOC Content (g/litre)	1.3

Maintenance

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

Health and Safety

Please read technical data sheet reference TD103 and specific health and safety data for this product provided in compliance with the requirements of EC Directive 91/155.

Storage, Mixing and Application

The storage, mixing and application conditions can affect the quality of the finish produced. Please read technical data sheet reference TD104.

Further Technical Advice

For further information on this or any other Ryebrook product, please contact our Technical Department on 01634 957520 or email info@ryebrook.co.uk