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Technical Data: TD081E
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RYEFLOR TF

DESCRIPTION

Ryeflor 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

Ryeflor TF is a 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

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

Thickness

Nominal 0.25mm, dependant on application rate and number of coats.

TYPICAL INSTALLATIONS

Ryeflor 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, food preparation areas. Also used as a finish coat for Ryeflor HPS slip resistant system.

Substrates

Ryeflor TF adheres well to concrete, grano, metals and asphalts.

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 75RH.

Priming

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

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.

Ryeflor clear is supplied as a 2-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.

Application Technique

This product is laid in compliance with BS 8204-6 Type 8. 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.

Coverage Rates

1 st coat	173g/M ² approx	0.130mm
2 nd coat	150g/M ² approx	0.115mm
Ryeflor HPS system coating (one coat)	220g/M ²	

SPECIFICATION DETAIL

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



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Maintenance

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

Cure Schedule @ 20°C at 9mm

	Coloured	Clear
Pot life at 20 deg.	15 mins	30 mins
Initial film cure 20 deg.	60 mins	8 hours
Overcoat period at 20 deg	16 hours	16 hours
Foot traffic at 20 deg.	24 hours	24 hours
Full cure at 20 deg	5 days	5-7days

Chemical Resistance

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

Colours Available

All standard Ryebrook colours and gloss except White, Blue, Magnolia, Safety Red and Yellow.

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 & Application

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

Technical Advice

For further information on this or any other Ryebrook product, please contact our Technical Department on 01293 565500.