

Ryetech Plus



Epoxy Floor Coating - FeRFA Type 3

High Build Floor Coating - 300 µm to 1000 µm

Description

Ryetech Plus is a high build epoxy resin textured coating incorporating lightweight irregular shaped fillers which profile at the surface and produce a slip resistant finish. It was designed specifically to be used as a chemically resistant floor coating in areas where occasional chemical spillage causes slip problems.

Ryetech Plus may be used to provide a slip resistant final finish on the full range of Ryebrook resin flooring systems or any other resin product.

ADVANTAGES & BENEFITS

- ✓ Good Chemical Resistance
- ✓ Cures at low temperatures – ambient in excess of 10°C

TYPICAL AREA OF USE

- ✓ Food preparation areas
- ✓ Wet processing
- ✓ Chemical storage
- ✓ Warehouse
- ✓ Walkways
- ✓ Car workshops
- ✓ Vehicle production areas
- ✓ Plant rooms

TECHNICAL DATA (N/mm²)

Compressive Strength	40
Flexural Strength	28
Lap Shear Bond Strength	29
Elastic Modulus	3.9k
Slip Resistance	Medium

Composition

Ryetech Plus is a two pack solvent free filled high build epoxy resin incorporating lightweight fillers

Colours Available

A range of colour choices are available, please contact our Sales Team for a colour chart.

Appearance

Gloss slightly textured finish.

Chemical Resistance

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

Thickness

0.5mm over two coats.

Ryetech Plus

Substrates

Ryetech Plus adheres well to concrete, grano and screed.

Coverage Rates

1st Coat – Approx. 400g/m²

2nd Coat – Approx. 250g/m²

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

Ryetech Plus is a fairly thick resin and although it will apply and cure at low temperatures, an ambient in excess of 10°C is preferable.

Priming

Ryetech Plus does not normally require the use of a primer. When treating weak or porous concrete it is advisable to prime with Ryepime SF.

Mixing

Add full contents of hardener container to full contents of resin container and with a slow speed paddle mixer for a least 2 minutes.

Application Techniques

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

Specification Detail

Two coats Ryetech Plus providing a nominal 0.5mm.

Cure Schedule

Pot Life	30-45 mins
Initial Cure Time	8-10 hours
Intercoat Period	8-24 hours
Foot Traffic	24 hours
Full Cure Time	7 days

VOC Levels

Calculated VOC Content (g/litre): 118.00

Quantity to be used: 2,433m² @ 0.5kg per M2

Maintenance

Ryetech Plus 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