

## RYETECH PLUS SLIP RESISTANT EPOXY FLOOR COATING



### DESCRIPTION

Ryetech Plus is a high build floor 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.

### Composition

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

### Appearance

Gloss slightly textured finish.

### Thickness

0.5-1mm depending on application rate.

### TYPICAL INSTALLATIONS

Ryetech Plus is used as a high build floor coating in industrial situations requiring an added degree of slip resistance such as food preparation areas, wet processing, chemical storage, warehousing etc.

### Substrates

Ryetech Plus adheres well to concrete, grano, metals and asphalt.

### 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

This product is laid in compliance with BS 8204-6 Type 3. 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.

## Coverage (Nominal 0.5mm)

<u>1st Coat</u> STND RYETECH	Approx 400g/m <sup>2</sup>
<u>2nd coat</u> RYETECH PLUS	Approx 250g/m <sup>2</sup>

## SPECIFICATION DETAIL

Two coats Ryetech Plus providing a nominal 0.5mm.

## Maintenance

Ryetech Plus treated floors can be readily cleaned using a proprietary cleaning solution.

## Cure Schedule @ 20°C

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

## Chemical Resistance

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

## Grades Available

FX, FC. Please refer to technical data sheet reference TD111.

## Colours Available

All standard Ryebrook colours except White.

## TECHNICAL DATA

Compressive Strength	40N/mm <sup>2</sup>
Flexural Strength	28N/mm <sup>2</sup>
Lap Shear Bond Strength	29N/mm <sup>2</sup>
Elastic Modulus	3.9kN/mm <sup>2</sup>
Slip Resistance – Dry	65
- Wet	36

## 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.