

## Ryegrip



### Epoxy Resin Floor - FeRFA Type 4

Multi-Layer Flooring >2mm

#### Description

Ryegrip is the collective name for a range of resin flooring systems produced by "sandwiching" abrasive aggregate between layers of epoxy resin. Ryegrip floors exhibit excellent slip resistance combined with good abrasion and chemical resistance. The degree of slip resistance, overall thickness and durability is governed by the resin system and the size and type of abrasive aggregate used. Ryegrip flooring has a profiled surface available in plain or in a decorative coloured quartz matrix.

#### ADVANTAGES & BENEFITS

- ✓ Excellent Slip Resistance
- ✓ Good Chemical Resistance
- ✓ Attractive decorative quartz versions

#### TYPICAL AREA OF USE

- ✓ Food Preparation Areas
- ✓ Breweries
- ✓ Chemical Processing
- ✓ Pedestrian Walkways
- ✓ Production Areas
- ✓ Plant Rooms
- ✓ Wet Areas

#### TECHNICAL DATA (N/mm<sup>2</sup>)

Compressive Strength	55
Flexural Strength	28
Lap Shear Bond Strength	15
Elastic Modulus	3.9
Ease of Decontamination to BS4247:Part 1 Test A	"Good"
Slip Resistance	Low

#### Composition

Ryegrip flooring is produced by the combination of several Ryebrook epoxy resin systems with abrasive aggregates. For full technical data on the relevant composite products, please refer to the appropriate technical data sheet.

#### Appearance

Ryegrip flooring has a profiled surface available in plain or in a decorative coloured quartz matrix.

#### Durability

Ryegrip flooring exhibits excellent resistance to chemicals and abrasion. Long term slip resistance will reduce in heavy duty areas over a period of years and may need to be refreshed.

#### Chemical Resistance

Ryegrip flooring exhibits good chemical resistance, please refer to chemical resistance for epoxy resin reference TD112.

#### Colours Available

A range of colour choices are available including solid colours and colour mixes, please contact our Sales Team for a colour chart.

## Ryegrip

### 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.

### Ryegrip Systems

#### Ryegrip Pigmented Plus 1 (Nominal 1.5mm)

Ryetech	0.125 kg m <sup>2</sup>
Natural Quartz aggregate 0.4-0.8	0.5 kg m <sup>2</sup>
Ryetech	0.20 kg m <sup>2</sup>
Ryetech	0.35 kg m <sup>2</sup>

#### Ryegrip Pigmented Plus 3 (Nominal 3mm)

Ryepime SF	0.125 kg m <sup>2</sup>
Ryeflow 2000	3.75 kg m <sup>2</sup>
Natural Quartz aggregate	3 kg m <sup>2</sup>
Ryetech	0.35 kg m <sup>2</sup>

#### Ryegrip Plus 1 Decorative Quartz (Nominal 1.5mm)

Ryetech	0.125 kg m <sup>2</sup>
Natural Quartz Aggregate 0.4 – 0.8	0.5 kg m <sup>2</sup>
Ryetech (Clear)	0.20 kg m <sup>2</sup>
Ryetech (Clear)	0.35 kg m <sup>2</sup>

#### Ryegrip Plus 3 Decorative Quartz (Nominal 3mm)

Ryepime SF	0.125 kg m <sup>2</sup>
Ryeflow 2000	8m <sup>2</sup> /30 kg m <sup>2</sup>
Ryegrip Coloured Quartz aggregate	3 kg m <sup>2</sup>
Ryetech (Clear)	0.4 kg m <sup>2</sup>
Ryedur DD (Clear)	0.2 kg m <sup>2</sup>

### Specification Detail

For simplification please specify the appropriate product required and refer "as per specification Ryegrip nominal thickness".

### Maintenance

Ryegrip systems have a slip resistance profile and therefore require a regular cleaning schedule to be maintained in original condition. Light scrubbing with mild detergents is recommended.

### 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](mailto:info@ryebrook.co.uk)