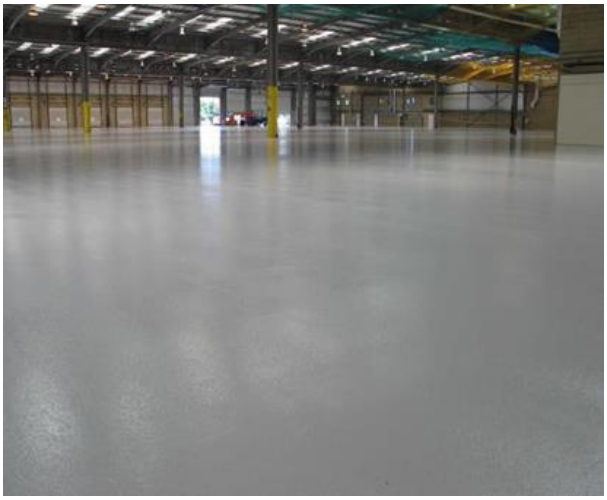
Ryethane



Epoxy Resin Floor - FeRFA Type 5

Flow applied flooring – 2mm to 3mm

Description

Ryethane is a medium duty liquid applied flexible flow applied flooring system providing a seamless finish with excellent resistances to abrasion, chemical attack and other physical aggression including flexing.

ADVANTAGES & BENEFITS

- ✓ Attractive & colourful finish
- ✓ Low odour
- ✓ Hardwearing, tough & resilient
- ✓ Self-smoothing
- ✓ Flexible
- ✓ Sound dampening

TYPICAL AREA OF USE

- ✓ Offices
- ✓ Showrooms
- ✓ Hospitals
- ✓ Schools
- ✓ Restaurants
- ✓ Retail outlets

TYPICAL PROPERTIES

Cure time 7 days at 23°C	
Density	1.4g/cm3
Volume solids	>99%
Shore D Hardness	<45

Composition

Solvent free two component polyurethane resin system combined with colour and graded fine aggregate.

Appearance

Totally seamless, glossy smooth finish with uniform colour. Standard Ryethane is not colour fast and may colour overtime if subjected to UVR light.

Thickness

2.0mm – 3.0mm

Chemical Resistance

Excellent resistances to organic and inorganic acids, alkalis, fuel and hydraulic oils, aromatic and aliphatic hydrocarbon solvents and ester solvents. Limited resistances to ketones and alcohols. Please refer to technical data sheet reference TD115.

Durability

High order of durability, resistance to abrasion, impact, chemical attack and penetration.

Colours Available

A limited range of colour choices are available. For additional decoration, coloured flakes can be scattered into the surface and sealed with Ryedur DD Clear Gloss, Silk or Matt. Please contact our Sales Team for a colour chart.

Ryethane

Substrates
Ryethane UVR can be applied to concrete, sand/cement screeds, steel, timber, plywood 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
10-20°C; maximum moisture content within substrate 75RH

Priming
Sound porous surfaces may be primed by a single coat application of Ryeprime SF. Please refer to TD002. All priming systems should be allowed to cure to a hard finish prior to application of Ryethane.

Application Techniques
Apply by steel float at the prescribed spreading rate. Air release may be improved by the use of a Ryebrook spiked roller for up to two minutes after application.

Mixing
Pour and fully drain the contents of the hardener component into the pigmented resin component and mix thoroughly with a slow speed paddle mixer and mix to produce a homogeneous product for a minimum of two minutes.

Specification Detail
Ryeprime SF at 150-200gm^2
Ryethane at 2.0mm-3.0mm

Cure Schedule

Pot Life of full unit	45 mins
Initial film set time	4 hours
Resistant to light traffic	12-16 hours
Resistant to heavy traffic	4-5 days
Full Cure/Chemical resistance	48 hours

Maintenance
Provided contamination is not allowed to build up, regular scrubbing or mopping with normal proprietary cleaning agents will maintain this system in serviceable condition.

Damaged areas of this system should be patch-repaired/ replaced in order to ensure longevity of the work area is maintained.

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