

RYETHANE FLEXIBLE COMFORT FLOORING



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.

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

Durability

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

TYPICAL INSTALLATIONS

Ryethane Applications is suitable for use in offices, showrooms, hospitals, schools, restaurants and retail outlets. For additional decoration, coloured flakes can be scattered into the surface and sealed with Ryedur DD Clear Gloss, Silk or Matt.

Features & Benefits

- Attractive & colourful finish
- Low odour
- Hardwearing, tough and resilient
- Seamless
- Hygienic / easy to clean and maintain
- Self-smoothing
- Flexible
- Sound dampening

Substrates

Ryethane 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 Ryepime SF. Please refer to TD002. All priming systems should be allowed to cure to a hard finish prior to application of Ryethane.

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.

Application Technique

This product is laid in compliance with BS 8204-6 Type 5. 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.

SPECIFICATION DETAIL

Ryepime SF at 150-200gm²
Ryethane at 2.0mm-3.0mm

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.

Cure Schedule @ 20°C

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

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.

Colours

Available in a limited range of Ryebrook colours.

Typical Properties,	7 days at 23 °C
BS 8204-6	FeRFA Type 5
Density	1.4 g/cm ³
Volume solids	> 99 % Shore D hardness < 45

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.