



CI/SfB: (43) Pr4
Issue No: 4
Issue Date: OCT 10
Technical Data: TD029
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RYETHANE RF FLEXIBLE RUBBER FLOORING

DESCRIPTION

Ryethane RF a solvent free elastomeric Flooring system designed to impart seamless leak protection.

Ryethane RF is not colour fast and may change colour over time if subjected to UV light.

COMPOSITION

Ryethane RF is a two component polyurethane/polyurea material which is easily applied to any suitably prepared surface including concrete, metal, asphalt and timber.

BENEFITS

- Resistant to dynamic stress
- Abrasion resistant
- High bond strength
- Solvent free
- Crack resistant
- Highly flexible
- Seamless
- Adheres to existing resin systems/tarmac/timber/concrete.

SURFACE PREPARATION

To be assured of maximum adhesion and properties from Ryebrook Resins products, the correct surface preparation is essential. Please refer to the technical department.

APPLICATION CONDITIONS

10°C – 30°C. Ideally 20°C. Protect from adverse weather conditions during early cure stages.

PRIMING

Priming will be not be necessary using Ryethane RF. Priming is only necessary if the substance is very porous/dry.

MIXING

All materials are provided in preproportioned units. Mixing of part units is not recommended due to the possibility of proportioning errors. Mixing of the hardener component is recommended before mixing the two liquid components. Mix both liquid components together with a slow speed paddle mixer for a minimum of two minutes or until a homogeneous mix is obtained.

COVERAGE RATE GUIDE

Approx 4kg per m² @ 2mm

PHYSICAL CHARACTERISTICS @ 20°C (AFTER 14 DAYS CURE)

Pot Life	25 minutes
Tack Free Time	8 Hours
Over-coating Time	8—24 Hrs
Elongation at break	> 300 %
Tensile Strength (ASTM D412)	> 4.5 MPa
Pull-off adhesion	> 2.5 N/mm ²
Graves Tear (ASTM D624)	> 18 KN/m
Shore D Hardness	30
Density	1.2kg/Litre
Slip Resistance – Dry	85
- Wet	45

HEALTH AND SAFETY

Please read the relevant technical data sheet and specific health and safety data for this product provided in compliance with the requirements of EC Directive 91/155.



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STORAGE, MIXING & APPLICATION

The storage, mixing and application conditions can affect the quality of the finish produced.

Technical Advice

For further information on this or any other Ryebrook product, please contact our Technical Department on 01293 565500.