



RYEDEC EPOXY DECORATIVE FLAKE FINISH

DESCRIPTION

Ryedec is an attractive decorative seamless floor and wall finish produced by the combination of an epoxy resin base coat, coloured plastic flakes and clear polyurethane finish coats. The overall finish is a mottled mosaic effect with a slightly uneven slip resistant surface. This product is laid in compliance with BS 8204-6 Type 5.

Composition

Solvent free epoxy resins, 2-6mm plastic flakes and clear polyurethane.

Appearance

Ryedec is supplied in a range of attractive colour mixes. Please refer to colour chart.

Thickness

1-4mm.

Durability

Ryedec exhibits the highest order of abrasion resistance, giving long term service and durability.

TYPICAL INSTALLATIONS

Ryedec floor and wall finish is used in areas requiring an easily cleaned attractive heavy duty finish such as toilets, laboratories, hospitals, reception areas, kitchens etc.

Substrates

Concrete, grano, asphalt etc.

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

5-30°C.

Application

Ryedec is produced by the combination of different Ryebrook resin products. The products used depend on the thickness required. Please refer to the appropriate technical data as indicated below.

Coverage Rates

Ryedec 1000 (Nominal 1mm)

1. Ryepime SF at 300g/m² (TD002)
2. Ryetech at 600g/m² (TD022)
3. Ryedec Flakes at 600g/m²
4. Ryetech Clear at 300g/m² (TD022)
5. Ryedur DD at 100g/m² (TD054)

Ryedec 2500 (Nominal 2.5mm)

1. Ryepime SF at 300g/m² (TD002)
2. Ryeflow 2000 at 3.2kg/m² (TD031)
3. Ryedec Flakes at 600g/m²
4. Ryetech Clear at 300g/m² (TD022)
5. Ryedur DD at 100g/m² (TD054)

Ryedec 4000 (Nominal 4mm)

1. Ryepime SF at 300g/m² (TD002)
2. Ryeflow 3000 at 5.33kg/m² (TD031)
3. Ryedec Flakes at 600g/m²
4. Ryetech Clear at 300g/m² (TD022)
5. Ryedur DD Clear at 100g/m² (TD054)

Ryedec 'V' Wall Finish

1. Ryetech 'V' at 200g/m² (TD053)
2. Ryetech 'V' at 200g/m² (TD053)
3. Ryedec Flakes at 600g/m²
4. Ryetech 'V' Clear at 300g/m² (TD022)
5. Ryedur DD Clear at 100g/m² (TD054)

Depending on type of finished required Ryetech Clear (4) may be replaced by Ryedur DD at 200g/m² to produce a more textured surface.

Alternatively, where solvent based products are not permitted Ryetech Clear or Ryetech 'V' Clear may be specified in place of Ryedur DD.



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COLOURS

SPECIFICATION DETAIL

For simplification, please specify Ryedec as "Ryedec composition flooring ... nominal thickness" or "Ryedec 'V' wall finish at a nominal 1mm".

Maintenance

Providing contamination is not allowed to build up, regular scrubbing and mopping will maintain Ryedec floors satisfactorily. Ryedec floors may be polished back to the original gloss in exactly the same way as vinyl or lino.

Chemical Resistance

Please refer to technical data sheet on "Ryedur DD Chemical Resistance" TD112.

TECHNICAL DATA

Compressive Strength	36N/mm ²
Flexural Strength	30N/mm ²
Slant Shear Bond Strength	29N/mm ²
Density	1.65
Elastic Modulus	3kN/mm ²
Flame Spread (BS476 Part 7)	Class 2
Thermal Cycle 14 days	-40°C to 100°C
Showed no debonding or stress	at 24 hour cycle

Health and Safety

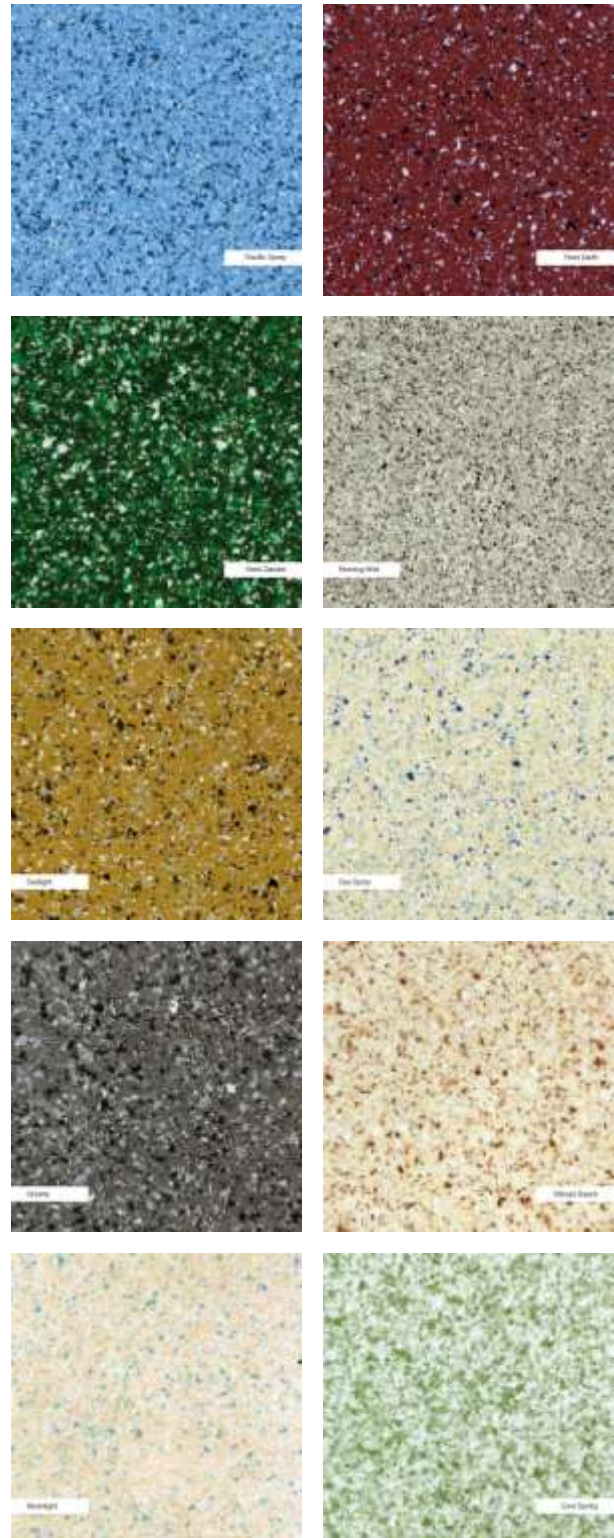
Please read technical data sheet reference TD103 and specific health and safety data for this product provided in compliance with the requirements of EC Directive 91/155.

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.



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