

RYESCREEED QUARTZ MULTI-COLOUR EPOXY SCREED



Ryescreeed Quartz is a multi-coloured mottled effect epoxy floor screed produced by the combination of clear epoxy resins and pigmented quartz aggregates. It is available in six standard colour mixes and specials by request.

Composition

Clear solvent free epoxy resin combined with graded coloured quartz aggregates.

Appearance

Multi-coloured mottled slightly slip resistance finish.

Durability

Ryescreeed Quartz exhibits the highest order of abrasion resistance.

Thickness

Nominal 4-6mm.

Thicknesses greater than 6mm should be infilled with Ryescreeed and a final 6mm applied to provide a smooth well compacted finish.

TYPICAL INSTALLATIONS

Ryescreeed Quartz is used in industrial areas where a more decorative finish is required such as dry food preparation areas, pharmaceuticals, works canteens, laboratories, toilet areas etc. It should not be used in areas where steam cleaning is required or in areas requiring a high degree of chemical resistance. Please refer to data on Ryecrete Quartz or Ryeflor HF for heavy duty and chemical resistance combined.

Substrates

Ryescreeed Quartz adheres well to concrete and grano.

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.

Priming

Use Ryepime TC. Please refer to technical data sheet reference TD001.

Mixing

Ryescreeed Quartz is a three pack product. Mix the hardener component well into the resin for a period of 1 minute. Transfer the mixed resin into a rotary drum mixer and add the aggregate slowly until evenly wetted.

Application Technique

This product is laid in compliance with BS 8204-6 Type 6. Ryescreeed Quartz should be applied directly into uncured wet Ryepime TC. The mortar is spread to an even thickness and the surface closed using a steel float.

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Sealing

Ryescreed Seal Clear is used to seal Ryescreed Quartz as follows:-

Sealing (1st Coat)

Apply Ryescreed Seal using a dense polypropylene squeegee to force the seal into the surface and to grout any open areas. Pull down any excess seal to leave the surface with an even, thin, transparent surface film. Finish by back rolling with a semi-dry roller. Allow to cure overnight.

Sealing (2nd Coat)

Apply Ryescreed Seal using a dense polypropylene squeegee followed by a non absorbent roller. Pull down as tight as possible to leave a completely sealed, thin, transparent surface film taking care to avoid pooling or roller/squeegee marks.

Coverage Rates	4mm	6mm
Ryepime TC	4m ² /kg	4m ² /kg
Ryescreed Quartz	8kg/m ²	12kg/m ²
Ryescreed Seal Clear	4m ² /kg	4m ² /kg
Ryescreed Seal Clear	8m ² /kg	8m ² /kg

SPECIFICATION DETAIL

1. Ryepime TC 225-350g/m² depending on porosity.
2. Ryescreed Quartz 2kg/m² per 1mm thickness.
3. Ryescreed Seal Clear 2 coats nominal 400g/m².
4. Ryescreed Seal Clear Matt 1 coat nominal 400g/m²

Maintenance

Ryescreed Quartz can be maintained in its original condition providing contamination is not allowed to build up and the floor is regularly scrubbed using proprietary cleaners.

Cure Schedule @ 20°C

Usable life	30-40 mins
Initial Set	8-10 hours
Full Cure	7 days
Foot Traffic	12 hours
Heavy Traffic	2 days

Grades Available

FC, RC. Please refer to technical data sheet reference TD111.

Coving Grade

Ryescreed Quartz is a Thixotropic Grade specifically for forming coving and rendering with Ryescreed Quartz flooring systems. Slight colour variations may be unavoidable, but these are hardly noticeable. Covers up to a maximum of 3-4mm thick may be applied using standard Ryescreed Quartz.

TECHNICAL DATA

Compressive Strength	65-70N/mm ²
Tensile Strength	9-10N/mm ²
Flexural Strength	25-30N/mm ²
Slant Shear Bond Strength	35N/mm ²
Flame Spread BS476 Part 7	Class 2
Slip resistance	Dry 62 / Wet 35>
Traction may be varied by the system design to a balance between slip resistance and ease of maintenance.	

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.

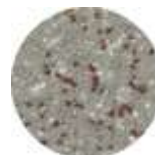
Standard colours



Fern



Prairie



Moondust



Copper



Russett



Ryebrook Resins Lim Sea Blue



Sundance