

Ryescreed



Epoxy Floor Screed - FeRFA Type 6

Resin Screed Flooring >4mm

Description

Ryescreed is used as a floor finish and to repair mortar. It is a conventional highly filled epoxy resin quartz aggregate screed mortar for application to industrial floors which are subject to heavy traffic and light chemical attack. Ryescreed cures rapidly to give a heavy duty floor finish with excellent abrasion resistance. Ryescreed unsealed has a mottled effect with a base background colour providing a slightly textured surface. Ryescreed sealed has a slightly textured even coloured finish.

ADVANTAGES & BENEFITS

- ✓ Good Chemical Resistance

TYPICAL AREA OF USE

- ✓ Engineering Workshops
- ✓ Warehouses
- ✓ Trucking Lanes
- ✓ Test Houses

TECHNICAL DATA (N/mm²)

Compressive Strength	65-70
Tensile Strength	9-10
Flexural Strength	25-30
Slant Shear Bond Strength	35
Flame Spread (BS476 Part 7)	Class 2
Slip Resistance	Low (with matt seal)

Composition

Coloured solvent free epoxy and graded quartz aggregate mortar.

Appearance

Ryescreed unsealed has a mottled effect with a base background colour providing a slightly textured surface. Ryescreed sealed has a slightly textured even coloured finish.

Durability

Ryescreed exhibits the highest order of abrasion resistance.

Chemical Resistance

Ryescreed shows good chemical resistance but should not be used as a chemically resistant heavy duty finish as the screed is porous and if the seal coats become damaged chemical attack can occur.

Ryescreed

Substrates

Ryescreed adheres well to concrete, high strength screeds, marine ply 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

10-30°C.

Priming

Use Ryepriime SF or Ryepriime TC.

Mixing

Ryescreed is a three pack product. Mix the hardener component well into the resin with a slow speed paddle mixer for a period of 1 minute until even coloured. Transfer the mixed resin into a rotary drum mixer and add the aggregate slowly until evenly wetted.

Application Technique

Ryescreed should be applied directly into uncured wet Ryepriime SF or Ryepriime TC. The mortar is spread to an even thickness and the surface closed using a steel float.

Sealing

Ryescreed requires sealing to provide a non-porous surface.

Ryescreed Seal is a thixotropic seal coat which is applied to the cured Ryescreed mortar to totally grout and seal the surface. Please refer to technical data sheet reference TD043.

Coverage Rates

	4mm	6mm
Ryepriime SF	4m ² /kg	4m ² /kg
Ryescreed	8kg/m ²	12kg/m ²
Ryescreed Seal	4m ² /kg	4m ² /kg
Ryescreed Seal	6m ² /kg	6m ² /kg

Specification Detail

1. Ryepriime TC 225-350g/m² depending on porosity.
2. Ryescreed 2kg/m² per 1mm thickness.
3. Ryescreed Seal 250g/m².
4. Ryescreed Seal 160g/m²

Cure Schedule

Usable Life	30-45 mins
Initial Set	8-10 hours
Full Cure	7 days
Foot Traffic	12 hours
Heavy Traffic	2 days

Maintenance

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

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