

# RYETOP POLYMER GRANO SCREED SYSTEM



## DESCRIPTION

Ryetop is a polymer resin heavy duty flooring system laid onto Ryebrook Polymer Primer at a total weight of 31.2kg per m sq to give an average thickness of 12mm. The surface is closed with a metal float to give a slightly textured finish with good non-slip characteristics.

## PROPERTIES

### Bond Strength

Ryetop has excellent adhesion to most substrates.

### Physical Strength

Ryetop has strengths far greater than concrete and will withstand abrasion and impact extremely well.

### Chemical Resistance

Ryetop provides good resistance to oils and greases, with the resin content also giving improved protection against chemical attack by

several chemicals. More severe chemical attack may be prevented by the application of Ryebrook epoxy resin seals.

## Uses

Ryetop does not have to be laid monolithically with new concrete but rather can be applied at any time in the contract to suit the working programme.

Ryetop is also widely laid to re-surface old concrete without radically changing levels. Typical areas of use are workshops, warehouses, meat preparation rooms, plant rooms, etc.

## PHYSICAL PROPERTIES

Slant Shear Bond Strength	47N/mm <sup>2</sup>
Flexural Strength (Dry)	13.63N/mm <sup>2</sup>
Flexural Strength (Wet)	8.20N/mm <sup>2</sup>
Compressive Strength (Dry)	71N/mm <sup>2</sup>
Compressive Strength (Wet)	59N/mm <sup>2</sup>
Tensile Strength	7.5N/mm <sup>2</sup>
Foot Traffic	24 hours
Medium Traffic	3 days
Heavy Traffic	5 days
Minimum Application temperature	5°C

## 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

5-25°C.



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Page	2 of 2

### **Priming**

The substrate must be primed to ensure bonding of the modified mix. Ryepime TC is recommended, please refer to technical data sheet reference TD001.

### **Mixing**

Best results are produced by using a forced action mixer. Mix the aggregates together dry, then add the Ryepol SA, add water until the mortar just holds together when squeezed in the hand.

### **Application Techniques**

Apply by trowel or plasterer's float, working the polymer cement up to the surface. Do not trowel after the polymer has started to cure.

### **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.