

Ryetech MT

High Build Epoxy Coating – FeRFA Type 3

High Build Floor Coating - 300 µm to 1000 µm

Description

Ryetech MT is a high build chemically resistant, Moisture Tolerant epoxy coating which provides the maximum protection in the minimum number of coats and can be applied to new concrete of up to 92% RH.

Ryetech MT exhibits high levels of abrasion resistance and is used in conjunction with Ryebrook resin flooring to produce a continuous seamless finish.

ADVANTAGES & BENEFITS

- ✓ High levels of abrasion resistance
- ✓ Excellent chemical resistance

TYPICAL INSTALLATION

- ✓ Ryetech MT is used as a finish coat for Ryerend LW and as a permanent protection in areas requiring chemical resistance combined with abrasion resistance such as wash boxes, process tanks, silos etc.
- ✓ Ryetech MT is used as a protective coating against chemicals in effluent pits, collector vats, chemical spillage, bund walls, etc. It is particularly useful to provide protection over rough surfaces such as render, pre-cast concrete, breeze block etc, where its high build properties provide excellent cover.

TECHNICAL DATA (N/mm²)

Compressive Strength	40
Flexural Strength	28
Lap Slant Shear Strength	10
Elastic Modulus	3.9k

Composition

Two pack solvent free epoxy resins and inert fillers.

Appearance

Gloss coloured or clear smooth finish.

Chemical Resistance

Ryetech MT has excellent resistance to a wide range of chemicals. Please refer to technical data sheet reference TD112.

Durability

Surfaces coated with Ryetech MT have good abrasion and impact resistance combined with excellent protection against attack from a wide range of chemicals.

Thickness

150-200um per coat.

Colours Available

A range of gloss colour choices or a clear smooth finish is available, please contact our Sales Team for a colour chart.

Ryetech MT

Substrates

Ryetech MT adheres well to concrete, render, brickwork, blockwork 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 Techniques

Apply by brush or roller.

Coverage Rates

At 150um – 5.5m²/kg

At 200um – 4.2m²/kg

Priming

Ryetech MT does not usually require the use of a primer but on particularly porous surfaces priming with Ryeprime SF may be necessary.

Mixing

Add full contents of hardener container to full contents of resin container and mix with a slow speed stirrer for at least 2 minutes.

Specification Detail

2 Coats of Ryetech MT, providing a nominal total build of 350um.

Cure Schedule

Pot Life	30-45 mins
Touch Dry	6-8 hours
Overcoat Time	8-24 hours
Full Cure Time	7 days

Maintenance

Surfaces treated with Ryetech V require the minimum maintenance such as wiping down and flushing with water to be maintained in original condition.

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