



CI/SfB: (43) V
Issue No: 2
Issue Date: MAR 06
Technical Data: TD053
Page 1 of 2

RYETECH V HIGH BUILD EPOXY COATING

DESCRIPTION

Ryetech V is a high build chemically resistant epoxy coating which provides the maximum protection in the minimum number of coats.

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

Composition

Two pack solvent free epoxy resins and inert fillers.

Appearance

Gloss coloured or clear smooth finish.

Durability

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

Thickness

150-200um per coat.

TYPICAL INSTALLATION

Ryetech V 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 V 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.

Substrates

Ryetech V 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.

Priming

Ryetech V does not usually require the use of a primer but on particularly porous surfaces priming with Ryepime 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.

Application Technique

Apply by brush or roller.

Coverage Rates

At 150um	5.5m ² /kg
At 200um	4.2m ² /kg

SPECIFICATION DETAIL

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

Maintenance

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



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Page: 2 of 2

Cure Schedule @ 20°C

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

Chemical Resistance

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

Grades Available

FX. Please refer to technical data sheet reference TD111.

Colours

Ryetech V is available in the full range of Ryebrook colours.

TECHNICAL DATA

Compressive Strength	40N/mm ²
Flexural Strength	28N/mm ²
Lap Slant Shear Bond Strength	10N/mm ²
Elastic Modulus	3.9kN/mm ²

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.