

Strongcoat V

High build epoxy wall coating

DESCRIPTION

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

Strongcoat 'V' exhibits high levels of abrasion resistance and is used in conjunction with **Virtus** epoxy 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 **Strongcoat 'V'** have good abrasion and impact resistance combined with excellent protection against attack from a wide range of chemicals.

THICKNESS

150-200µm per coat.

TYPICAL INSTALLATIONS

Strongcoat 'V' is used as a finish coat for **Flowrend L.W.** and as a permanent protection in areas requiring chemical resistance combined with abrasion resistance such as wash boxes, process tanks, silos etc.

Strongcoat '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

Strongcoat 'V' adheres well to concrete, render, brickwork, blockwork etc.

SURFACE PREPARATION

To be assured of maximum adhesion and properties from Virtus resin products, the correct surface preparation is essential. Please refer to technical data sheet "Surface Preparation" reference TD102.

APPLICATION CONDITIONS

5-30°C

PRIMING

Strongcoat 'V' does not normally require a primer. When treating extremely weak or porous concrete it is advisable to prime with **Flowprime S.F.**

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 150µm -5.5m²/kg (180g/m²)

At 200µm -4.2m²/kg (240g/m²)

SPECIFICATION DETAIL

Two coats of **Strongcoat 'V'**. Providing a nominal total build of 350µm.

MAINTENANCE

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

CURE SCHEDULE

Pot life @ 20°C -30-45 minutes

Touch dry @ 20°C -6-8 hours

Overcoat period -8-24 hours

Full cure -7 days

CHEMICAL RESISTANCE

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

GRADES AVAILABLE

F.X. Please refer to technical data sheet reference TD111.

COLOURS AVAILABLE

Strongcoat 'V' is available in the full range of Virtus colours.

TECHNICAL DATA

Compressive strength -40N/mm²

Flexural strength -28N/mm²

Lap shear bond strength -15N/mm²

Elastic modulus -3.9kN/mm²

Ease of decontamination to BS 4247 : part 1 test A "Good"

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 Virtus product, please contact our Customer Care Department.

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