Specialist Construction Supplies for Repair, Maintenance, Building & Infrastructure

Pumatect V Data Sheet

Specification notes

Product: Pumatect V

Supplier:

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DESCRIPTION
Pumatect ‘V’ is a high build chemically resistant epoxy floor coating which provides the maximum protection in the minimum number of coats. Pumatect ‘V’ exhibits high levels of abrasion resistance and is used in conjunction with Pumafloor resin flooring to produce a continuous seam-less 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 Pumatect ‘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
Pumatect ‘V’ is used as a finish coat for Pumarend L.W. and as a permanent protection in areas requiring chemical resistance combined with abrasion resistance such as wash boxes, process tanks, silos etc. Pumatect ‘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
Pumatect ‘V’ adheres well to concrete, render, brickwork, blockwork etc.

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

APPLICATION CONDITIONS
5-30ºC

PRIMING
Pumatect ‘V’ does not normally require a primer. When treating extremely week or porous concrete it is advisable to prime with Pumaprime 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 Pumatect ‘V’. Providing a nominal total build of 350µm.

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

CURE SCHEDULE
Pot life @ 20ºC -30-45 minutes
Touch dry @ 20ºC -6-8 hours
Overcoat period -8-24 hours
Full cure -7 days

CHEMICAL RESISTANCE
Pumatect ‘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
Pumatect ‘V’ is available in the full range of Resdev 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 Resdev product, please contact our Customer Care Department on 01422 379131.