



TECHNICAL DATA SHEET

Reinforcing Fleece 45g

Innovative reinforcing fleece for walls and ceilings

Characteristics / usage

Vitrulan Reinforcing Fleece 45g is designed for quickly renovating virtually all textured and untextured wall and ceiling surfaces. With Vitrulan Reinforcing Fleece 45 g it is possible to create a smooth surface in a single operation. The reinforcing fleece also compensates for the shrinkage behavior of other components and prevents shrinkage cracks. Features: good dimensional stability and high wet strength; normal flammability; fire tested to DIN EN 13501-1 with an E fire-resistance rating; suitable for internal and external use.

Technical data / roll dimensions

Product	SAP designation	Approx. Weight in g/m ²	Approx. Width in cm	Length in m
Reinforcing Fleece 45g	GV45_02RW	45	100	50

Substrate preparation

Before starting, make sure that the substrate is dry, clean, stable and free from impurities. Remove loose wall coverings and unstable paints and finishes and sand down any sharp points. Pretreat highly absorbent substrates with a suitable primer. Remove any mold growth and treat in accordance with the relevant regulations.

Application

Paint/coating reinforcement:

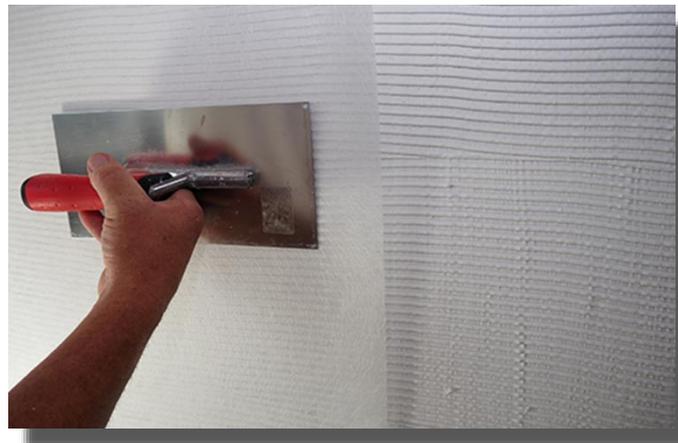
- 1.) Apply thick-film emulsion paint with a roller or airless paint sprayer (1 – 3 widths) and embed the first length of reinforcing fleece in the wet paint straight from the roll or pre-cut to size. Remove any bubbles or creases.
- 2.) Apply subsequent lengths using the double-cut method to join the seams with an overlap of 5 cm. Smooth the lengths down with a wallpaper squeegee, applying enough pressure to remove any air bubbles and making sure that the seam edges butt up smoothly.
- 3.) Apply another section of emulsion paint.
- 4.) Apply the top coat once the first coat is sufficiently dry to achieve the desired surface finish.

Creating smooth surfaces:

- 1.) To obtain a smooth surface, apply a suitable levelling compound to the substrate by machine or manually and spread it evenly with a toothed trowel (4x4x4 or 4x6x4).



- 2.) Embed the reinforcing fleece in the fresh levelling compound and lightly press down, taking care to apply only minimum pressure in the seam area.



- 3.) Apply the next length, making a double-cut seam, and repeat the process.



4.) Then smooth all over until the grooves in the levelling compound are no longer visible.



5.) A further levelling coat can be applied, depending on the surface requirements. Then sand off any remaining surface unevenness. Leave to dry fully before applying any further finish in accordance with the manufacturer's instructions.

Recommendation: Pre-fill textured substrates more than 3 mm deep. Test the fleece on a sample area first.

Important

Complaints made after more than 10 sheets have been laid cannot be accepted.

Storage

Store the rolls in a dry, clean place.

General notes

1. Use of glass fibers can disturb the top layer of skin which can lead to irritations in sensitive people.
2. Since this data sheet cannot deal with every possible problem that can occur in actual practice, liability cannot be assumed from it. In every case, the user is obliged to assess the application professionally in the light of the suitability of the product and of the substrate. Please observe applicable regional building codes. In case of doubt, the technical application consultation service of Vitrulan Textile Glass GmbH should be contacted.