Data Sheet

Fiberglass Filling Nonwoven 1560

Stable, open-pore, PVC and plasticizer-free fiberglass nonwoven, for interior use

Field of application

For efficient smoothing, renovation, and refurbishing of fillable substrates in interior areas. Primarily for embedding in emulsion filler materials. On, e.g., interior plaster (depending on the compressive strength), concrete, plasterboard, intact emulsion paint coatings, exposed concrete, etc.. To achieve smoothly filled – and in conjunction with the respective top coat – hard-wearing surfaces.

Properties

- Open-pore
- PVC and plasticizer free
- Low-tension
- Dimensionally stable
- Water-vapor-permeable
- Rot-resistant
- Optimizes the filling capacity of the filler
- Reduces the subsequent sanding effort
- Easy to apply
- Bridges fine, mesh-like cracks
- Forms a solid, stable bond with the embedding materials
- For interior use

Material description

Color shade	Natural white
Base material	Special glass fibers, combined with special bonding agents
Fiber diameter	Approx. 13 µm
Weight per unit area	Approx. 45 g/m²
Roll width	Approx. 1.00 m
Roll length	Approx. 50 m
Packaging	1 roll

Brillux ..more than paint

Application

Check

Before application, check the delivered goods in accordance with BFS Leaflets No. 7 and 16.

Embedding in emulsion filler material

Apply the emulsion filler material to the entire substrate surface and “comb through” evenly using Notched Trowel 3769 with notch pattern 4 x 6 x 4 mm. Cut the Fiberglass Filling Nonwoven 1560 to the required length plus 5–10 cm for the protrusions at the ceiling and baseboard, place it onto the still wet filler layer without folds and press down lightly with your hands. Press down the corners of any excess length on ceilings, skirting boards, windows, etc. using a plastic spatula and trim off any excess using a sharp Utility Knife 1311. Fold around outer corners, approx. 8 to 10 cm. Position the subsequent strips with a minimum overlap of 5 cm using the double-cut procedure. Subsequently evenly smooth the entire surface using a smoothing tool, e.g., Surface Filler Knife 1828 or the Venetian Trowel, Supergrip 1764, such that the notched trowel structure is completely smoothed. After the surfaces have dried, seal the pores with a second layer of filler material. We do not recommend directly applying another layer without having allowed the substrate to dry because this will slightly displace the nonwoven and produce a rougher surface. After the surfaces have dried, the primer and top coat are applied in a system build-up, depending on your choice, with emulsion paints, plastic materials, CreaGlas Fabric, or other wall coverings.

Consumption

Approx. 1.0 l/m². One roll is sufficient for approx. 45.50 m². Apply the individual strips such that they overlap by at least 5 cm.

Application temperature

Do not apply if air or object temperature is below +5°C.

Drying (+20 °C, 65 % relative humidity)

The drying process depends on the layer thickness and the object parameters, and is determined by the selected filler material. Thin layers can usually be sanded and reworked after drying overnight. Allow for a longer drying time with thicker layers and if the temperature is lower and/or the humidity is higher.

Storage

The rolls should be stored upright and in a dry place.

Coating build-up

Substrate preparation

The substrate must be solid, dry, clean, load-bearing, and free from efflorescences, sintered layers, separating agents, corrosion-promoting components, or other intermediate layers affecting the adhesion. Check existing coatings for their suitability, load-bearing capacity, and adhesive properties. Remove defective and unsuitable coatings completely, and dispose of them in accordance with the applicable regulations. Thoroughly wash off limepaint. Wash down intact coats of oil paints and varnishes with an alkaline solution, sand them well and clean the surface. Completely remove wall coverings, including paste and wallpaper glue residues. Treat replastered areas with a fluorine primer in a technically correct manner. Fill larger holes and gaps with Joint and Wall Filler 1875. Apply a prime and/or intermediate coat to the substrate, as required. Also refer to BFS Leaflets No. 7, 10 and 16. Please also refer to VOB Part C, DIN 18363 and 18366, Paragraph 3 in each case.

Coating build-up

Non-woven embedding and coating

Substrates	Priming	Filling [2)]	Priming	Top coat
Interior substrate, e.g., plan stone masonry, normal plasters [1)], concrete, plasterboard, matt emulsion paint coats		Fiberglass Filling Nonwoven 1560, full-surface embedding in emulsion filler materials, e.g., Briplast Airless Filler ELF 1890 or Vitafill 9001	Lacryl Deep Penetrating Primer ELF 595 or Vitabase 9002	Depending on your selection, with emulsion enamel paints, plastic materials, CreaGlas Fabric and other wall coverings
For interior, smooth, non-absorbent and glossy substrates, e.g., intact, gloss emulsion paint coats, oil and enamel paint coats	Adhesion Primer ELF 3720			

[1)] Minimum compressive strength≥ 2.0 N/mm² (Compressive strength class CS II, CS III, CS IV as well as B1–B7).
[2)] Textured substrates > 3 mm must be pre-filled.

Notes

In the event of complaints
Any potential complaints must be submitted together with the packaging and relevant sample material. In the event of visible defects, we will either reimburse you or replace the goods. We will not reimburse you for consequential costs.

Discolorations on gypsum plasterboard
An additional sealing coating must be applied if there is a risk of discolorations penetrating the untreated gypsum plasterboard. Use Aqualoma ELF 202, Isolating Primer 924 or CreaGlas 2K PU Finish 3471 depending on the situation on site. For an accurate assessment, test coatings across several panel widths, including the joints and filled areas, have proven to be useful.

Structural cracks
Structural cracks cannot be permanently bridged by applying a nonwoven wall covering.

Further information
Follow the instructions in the data sheets of the products used.

Remark

This Data Sheet is based on extensive development work and years of practical experience. The translation corresponds to the current German version, in compliance with the German laws, regulations, standards and guidelines. Its content does not constitute a contractual legal relationship. The user/buyer is not released from the responsibility of checking our products to ensure they are suitable for the intended application. In addition, our general terms of business apply.

When a new version of this Data Sheet with updated information is published, the previous version no longer applies. The current version is available on our website.

Brillux
Weseler Straße 401
48163 Münster
GERMANY
Phone +49 251 7188-0
Fax +49 251 7188-105
info@brillux.de
www.brillux.com