

## Fiberglass Nonwoven 1565



Open-pore, water-vapor-permeable, non-swelling, dimensionally stable, for interior use

### Field of application

For evening out rough substrates and covering fine hairline cracks on load-bearing substrates in interior areas. Primarily for reinforcing and embedding in filling coating systems, as well as gluing with emulsion adhesive. Depending on the application method, it can be used on, e.g., interior plaster (depending on compressive strength), concrete, gypsum plasterboard, intact emulsion color coatings, exposed concrete, etc.

### Properties

- Open-pore
- Dimensionally stable
- Non-swelling
- Water-vapor-permeable
- Rot-resistant
- Can be applied immediately with no soaking time
- Easy to apply
- Bridges fine mesh-like cracks
- Bridges crack type A1 hair and shrinkage cracks in accordance with BFS Leaflet No. 19
- Forms a solid, stable bond with the embedding materials
- For interior use

### Material description

<b>Color shade</b>	Natural white
<b>Base material</b>	Special glass fibers, combined with special bonding agents
<b>Material thickness</b>	Approx. 0.125 mm
<b>Weight per unit area</b>	Approx. 40 g/m <sup>2</sup>
<b>Roll width</b>	Approx. 1.00 m
<b>Roll length</b>	Approx. 50 m
<b>Packaging</b>	1 roll

## Use

- Check** Before use, check the delivered goods in accordance with BFS Leaflets No. 7 and 16.
- Embedding in emulsion paint** Apply the emulsion paint uniformly, generously and without flaws, embed Fiberglass Nonwoven 1565 into the still wet paint layer without folds, overlapping by approx. 5 cm, and press down lightly manually. Perform a double cut in the overlap area. 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 the outer corners, approx. 8 to 10 cm. Then uniformly coat the entire surface wet in wet, with the same coating material, such that Fiberglass Nonwoven 1565 is completely penetrated by the material. After allowing it to cure, apply two coats of high-quality emulsion paint. After the first coat, remove any projecting fibers, with light intermediate sanding.
- Gluing with the emulsion adhesive** Apply the CreaGlas Fabric Adhesive ELF 377 or Nonwoven Adhesive ELF 375 to the substrate, place Fiberglass Nonwoven 1565, free of bubbles and folds, onto the surface with approx. 5 cm overlap and press down. Perform a double cut in the overlap area. Do not rework the surfaces with adhesive. After allowing the surfaces to cure, apply at least 2–3 coats of high-quality emulsion paint. After the first coat, remove any projecting fibers, with light intermediate sanding.
- Consumption** Approx. 1.0 l/m<sup>2</sup>. One roll is sufficient for approx. 45.50 m<sup>2</sup>.
- Application temperature** Do not apply if air or object temperature is below +5°C. Best applied at +18°C to +25°C air and object temperature and with 30 to 60% relative humidity.

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

Drying depends on the layer thickness and the object parameters and is determined by the selected coating 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 residues. Treat replastered areas with a fluorine primer in a technically correct manner. Rough substrates, defects, etc., should be filled with, e.g., Briplast Mineral Hand Applying Light Filler ELF 1886. Apply a prime and/or intermediate coat to the substrate, as required. Also refer to BFS Leaflets No. 7, 10 16. Please also refer to VOB Part C, DIN 18363 and 18366, Paragraph 3 in each case.

Non-woven embedding/gluing, and coating

Substrates	Priming	Filling and priming <sup>3)</sup>	Embedding/gluing nonwoven	Coating <sup>4)</sup>
Plasterboard, gypsum plaster wall boards, gypsum fiber boards, filled	Optional <sup>2)</sup> Lacryl Deep Penetrating Primer ELF 595	If required 1–2x with e.g., Briplast Mineral Hand Applying Light Filler ELF 1886 and priming with Lacryl Deep Penetrating Primer ELF 595	Fiberglass Nonwoven 1565, fully embedded in emulsion paint	Depending on the degree of exposure of the surface, requirement and degree of gloss 2–3 coats with a high-quality emulsion paint, e.g., Superlux ELF 3000
Gypsum/Gypsum lime mortar <sup>1)</sup>				
Normally absorbent substrates, e.g., interior plaster (lime/cement mortar <sup>1)</sup> ), concrete, plan stone masonry, matt emulsion coats of paint	Adhesion Primer ELF 3720		Fiberglass Nonwoven 1565, full-surface bonded with CreaGlas Fabric Adhesive ELF 377 or Nonwoven Adhesive ELF 375	
Smooth, non-absorbent and glossy substrates, e.g. intact, gloss emulsion paint coats, oil and enamel paints				
Intact, two-component coating, e.g. CreaGlas 2K PU Finish	2K-Aqua Epoxy Primer 2373			

<sup>1)</sup> Minimum compressive strength  $\geq 2.0 \text{ N/mm}^2$  (Compressive strength class CS II, CS III, CS IV as well as B1–B7).

<sup>2)</sup> Required, if there is to be no further filling of the surface.

<sup>3)</sup> The requirement and the scope of a filling depends on the expectations on the final surface finish. For smooth, uniform surfaces the substrate should at least usually meet surface quality category Q3 for gypsum plaster or gypsum plasterboard substrates. All other substrates must be prepared on the basis of this quality category.

<sup>4)</sup> If smooth coats are being implemented, depending on the requirements placed on the surface, intermediate sanding should be performed after the first coat, if necessary. For creating an uniform surface appearance, particularly in critically illuminated areas, coatings must consistently be applied wet on wet and smoothed uniformly. For higher demands on the surface, we recommend the use of e.g., Rapid Nonwoven 1525 or CreaGlas Nonwoven VG 1001 Premium.

## Notes

<b>In the event of complaints</b>	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.
<b>Discolorations on gypsum plasterboard</b>	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.
<b>Glue application and distribution</b>	When applying glue, ensure the right quantity is applied, and that it is uniformly distributed. Excessive glue application may result in adhesive accumulations and associated impairment of the surface appearance as well as seam marks due to seams being exposed during drying.
<b>Structural cracks</b>	Structural cracks cannot be permanently bridged by applying a nonwoven wall covering.
<b>Further information</b>	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