

## Light Nonwoven 130

Non-textured wall and ceiling covering, can be directly coated with dispersion paints, for interior use



### Field of application

For creating smooth, uniform and hardwearing surfaces in combination with the relevant topcoats. Can be used on interior substrates suitable for wallpapering, e.g. on interior plaster (depending on the compressive strength), exposed concrete gypsum plasterboard, etc. Can be used as crack-bridging reinforcement on gypsum plasterboard and gypsum fiberboard according to VOB, DIN 18363, Section 3.2.1.2.

### Properties

- Coating carrier for interior use
- Cut edges and film-packed
- PVC- and plasticizer-free
- No soaking time required
- No shrinkage or expansion
- Low tension and dimensionally stable
- Crack-bridging
- "Schwerentflammbar B1" (flame-retardant) in accordance with DIN 4102 in accordance with test certificate
- Coatable immediately with emulsion paints after drying

### Material description

<b>Color</b>	natural white
<b>Base material</b>	special pulp and textile fibers, combined with polymeric bonding agents
<b>Area weight</b>	approx. 130 g/m <sup>2</sup>
<b>Width of reel</b>	approx. 0.75 m
<b>Length of reel</b>	approx. 40 m
<b>Packaging</b>	4 rolls in a box

<b>Check</b>	Before use, check the delivery according to BFS Leaflet No. 7 and 16.
<b>Gluing</b>	<p>Light Nonwoven 130 can be laid into the applied adhesive or alternatively applied with the wallpaper pasting machine. Use undiluted Non-woven Adhesive ELF or Metylan NP New Plaster Paste 1543 and/or Metylan NP Power Granulate Plus 1555 (in a ratio of 1:10 to 1:12; follow the instructions on the packaging of the paste) for gluing. Depending on the type of application, CreaGlas Fabric Adhesive ELF 377 is to be diluted with water before use.</p> <p>Adhesive application to the substrate          Apply the glue evenly and not too thickly to the correspondingly pretreated wall surfaces (application quantity approx. 150 g/m<sup>2</sup>). Dilute CreaGlas Fabric Adhesive ELF 377 with water by approx. 15% for roller application. Cut the Light Nonwoven 130 to the required length plus 5–10 cm, place it into the adhesive bed and press on it with a rubber roller or a wallpaper smoother to remove any bubbles. Press down any excess length on ceilings, baseboards, windows etc. down to the corner using a plastic spatula and cut it off with a sharp utility knife. Apply subsequent strips edge to edge. Do not overlap the Light Nonwoven 130 strips when gluing them. To create precise outer corners, e.g., for windows and door niches or room corners, we recommend using the Wallpaper Corner Profile 3093 or 3095, rounded, or the Profiled Rail 3094. If wallpaper corner profiles are not used, the nonwoven material should be separated at the outer corners, particularly in cases involving non vertical corners. Only on absolutely vertical corners can the fiberglass fabric be folded around the corner. To do so, the nonwoven material is folded around the outer corner by approx. 10 cm, to ensure a seamless joint to the next strip. Adhesive contamination on the surface is to be avoided. Carefully remove any soiling with a damp sponge.</p>
<b>Applying with a wallpaper pasting machine</b>	When pulling the Light Nonwoven 130 through the machine, ensure that the adhesive is applied uniformly without any flaws. Use undiluted Nonwoven Adhesive ELF 375. Dilute the CreaGlas Fabric Adhesive ELF 377 with approx. 25 % water for a wallpaper pasting machine application. Glue the strips immediately without a soaking period and press it on with a rubber roller or a wallpaper smoother to remove any bubbles. The further application procedure is as described above.
<b>Consumption</b>	Approx. 1.33 m/m <sup>2</sup> without off-cuts. One roll can cover approx. 30 m <sup>2</sup> . The individual strips must be applied edge to edge.
<b>Application temperature</b>	Do not apply at an air and object temperature below +10 °C. Best applied at +18 °C to +25 °C air and object temperature with 30 to 60% relative humidity.
<b>Optional filling of the surface</b>	We recommend filling the entire surface of the nonwoven wall covering with Briplast Mineral Hand Applying Light Filler ELF 1886 diluted by approx. 5% on surfaces with a special appearance or those having especially high surface requirements, — e.g., for a metallic effect coating, silk gloss or glossy top coat — or to avoid minor seam markings. Prime the filled surfaces with Lacryl Deep Penetrating Primer ELF 595 before applying an additional coating.

## Use

**Coating** After the adhesive has dried, apply the coating with emulsion paints. Always apply the coating to the entire surface wet on wet, even in the area in which the trimming work is performed. In cases of application using airless spraying, the surfaces must be re-rolled with a paint roller to distribute and smooth uniformly. For coating, we recommend using emulsion paints with at least wet abrasion resistance Class 2 in accordance with DIN EN 13300 or better, e.g. Glemalux ELF 1000, Superlux ELF 3000, Latex Paint ELF 992 or Sensocryl ELF 266–269.

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

Can usually be coated after drying overnight.  
Ensure uniform drying at room temperature. Avoid too rapid drying due to drafts or excessive heat as well as too slow drying due to a room temperature below +10 °C.

## Storage

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

## System build-up

**Substrate preparation** The substrate must be solid, dry, clean, load-bearing, and free from efflorescences, sintered layers, separating agents, corrosive components, or other composite-damaging intermediate layers. Check existing coatings for their suitability, load-bearing capacity, and adhesive properties. Remove defective and unsuitable coatings thoroughly and dispose of them in accordance with the applicable regulations. Thoroughly wash off limepaint. Leach, sand thoroughly and clean intact oil and enamel paint coatings. Completely remove wall coverings, including remains of paste and paper waste. Treat replastered areas with a fluorine primer properly. Fill rough substrates, flawed areas etc., e.g. with Briplast Mineral Hand Applying Light Filler ELF 1886. Apply a prime and/or intermediate coat to the substrate as required. Also refer to BFS Leaflet No. 7, 10 16. Observe VOB Part C, DIN 18363 and 18366, Paragraph 3.

## Gluing and coating Light Nonwoven 130

Substrates	Primer	Filling and priming <sup>3)</sup>	Gluing	Coating <sup>4)</sup>
Gypsum plasterboard, gypsum wall panels, gypsum fiber board - filled	Optional <sup>2)</sup> Lacryl Deep Penetrating Primer ELF 595	If necessary, once or twice with, e.g., Briplast Mineral Hand Applying Light Filler ELF 1886 and priming with Lacryl Deep Penetrating Primer ELF 595	Light Nonwoven 130 glued with Nonwoven Adhesive ELF 375, CreaGlas Fabric Adhesive ELF 377 or Metylan NP New Plaster Paste 1543 and/or Metylan NP Power Granulate Plus 1555	Depending on the degree of exposure of the surface, the requirements and the gloss grade, use emulsion paints with a wet rubbing resistance class of at least 2 in accordance with DIN 13300
Gypsum/Gypsum lime mortar <sup>1)</sup>	Optional <sup>2)</sup>			
Normally absorptive substrates, e.g. interior plaster (lime/cement mortar <sup>1)</sup> ), concrete, precision block masonry, matt emulsion paint coats	As required and selected, Lacryl Deep Penetrating Primer ELF 595 or prepaste			
Smooth, non-absorbent and glossy substrates, e.g. intact, glossy emulsion coatings, oil and enamel paints	Adhesion Primer ELF 3720			
Non-ferrous metals or plastic	2K-Epoxi Varioprimer 865 or 2K-Epoxi Varioprimer S 864			

<sup>1)</sup> Minimum compressive strength > 2.0 N/mm<sup>2</sup> (Compressive strength class CS II, CS III, CS IV as well as B1–B7).

<sup>2)</sup> Required if no further filling of the surfaces is to be performed. Priming by means of prepaste may only be implemented in the event of subsequent, direct gluing with paste.

<sup>3)</sup> The need for and scope of filling depends on the expectations on the final surface finish. For smooth, even surfaces, the substrate should generally correspond to at least surface quality Q3 for gypsum plaster or gypsum plasterboard substrates. All other substrates should be prepared in the same way, based on this.

<sup>4)</sup> When implementing smooth coats, light intermediate sanding should be performed after the prime coat, as required, depending on the gloss grade and the expectations on the surface. To achieve a uniform surface appearance, especially on critically illuminated surfaces, coats must be consistently applied wet in wet and with uniform smoothing.

## Notes

**Complaints**

Complaints must be submitted together with the roll insert 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.

**Adhesive application and distribution**

Ensure that adhesive is applied in the correct quantity and distributed uniformly. Applying too much adhesive can result in adhesive clumping causing disruptions in the surface appearance as well as seam markings due to open seams that arise in the course of drying.

**Avoid bubble formation**

When glued to porous substrates, e.g. concrete surfaces, under unfavorable drying conditions, wall coverings can separate from the wall in the pore area. These partial areas with no adhesion appear as bubbles during gluing, especially on ceiling areas and under special lighting conditions, e.g. incidence of grazing light. The appearance can be avoided by filling the entire surface to eliminate pores, e.g. with Briplast Mineral Hand Applying Light Filler ELF 1886. To do this, follow the instructions in the data sheets for the filler materials.

## Notes

<b>Structural cracks</b>	Structural cracks cannot be permanently covered by gluing on a nonwoven wall covering.
<b>Gluing on nonwoven</b>	For gluing wall coverings onto Light Nonwoven Pro 130, the adhesives specified for the wall covering must be used, as a minimum special paste in the ratio 1:20.
<b>Further information</b>	Follow the instructions on 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.

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