

## Rough nonwoven

Coatable wall covering with nonwoven carrier technology and woodchip wallpaper texture, for interior use



### Field of application

To design, renovate and refurbish interior wall and ceiling areas that can be wallpapered, e.g. on interior plaster (depending on the resistance to pressure), plasterboard, exposed concrete, etc. To achieve even – and when used with the respective top coat – durable surfaces. According to VOB, DIN 18363, Section 3.2.1.2., it can be used for crack-bridging reinforcement on plasterboard and gypsum fiber board.

### Properties

- Can be applied using the wall-pasting technique
- Perfectly cuttable
- Extremely dimensionally stable for perfect joint formation
- Concise texture thanks to low-tension integration of the texture grain
- Extremely bright, coating-friendly top layer
- High tear strength
- Efficient paste application using the roller or airless technique

### Material description

<b>Color shade</b>	Natural white			
<b>Base material</b>	Recycling paper, special cellulose and textile fibers combined with polymer bonding agents			
<b>Types</b>	Rough nonwoven 21	Rough nonwoven 31	Rough nonwoven 41	Rough nonwoven 51
<b>Surface texture</b>	fine	medium	fine-exclusive	coarse
<b>Roll format</b>	Approx. 25 x 0.75 m	Approx. 25 x 0.75 m	Approx. 25 x 0.75 m	Approx. 25 x 0.75 m Approx. 125 x 0,75 m
<b>Weight per unit area</b>	160 g/m <sup>2</sup>	170 g/m <sup>2</sup>	165 g/m <sup>2</sup>	180 g/m <sup>2</sup>
<b>Packaging</b>	Roll format 25 x 0.75 m = 2 rolls/carton Roll format 125 x 0.75 m = 1 roll/carton (large roll)			

<b>Check</b>	Before use, check the delivery according to BFS Leaflet No. 7 and 16.
<b>Gluing</b>	<p>Rough nonwoven can be placed in the applied adhesive. The box can be used as an unrolling aid to protect the wall covering. To glue Nonwoven Adhesive ELF 375 or Vitaglu 9003 (free from preservatives) undiluted or Metylan NP Hohe Klebkraft Raufaser &amp; Vlies 1543 or Metylan Object Paste 1529 (in the ratio 1:10, follow the instructions on the paste packaging). CreaGlas Fabric Adhesive ELF 377 is to be diluted with water, depending on the type of application.</p> <p>Adhesive application on the substrate Apply the glue uniformly and not too thickly on the correspondingly pretreated wall surfaces (application quantity approx. 150 g/m<sup>2</sup>). Cut rough nonwoven to the required length with an additional 5–10 cm, place it in the glue and press down with a rubber roller or a wallpapering brush until there are no bubbles. Press down the corners of any excess length on ceilings, baseboards, windows etc. using a plastic spatula and cut off using a sharp utility knife or tear off using a trowel. Apply subsequent strips edge to edge. Do not glue the rough nonwoven with overlaps. 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 rough nonwoven material should be separated at the outer corners, particularly in the case of non vertical corners. Only on absolutely vertical corners can the rough nonwoven 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 join to the following strip. Adhesive contamination on the surface is to be avoided. Carefully remove any soiling with a damp sponge.</p>
<b>Application with a wallpaper pasting machine</b>	When pulling the rough nonwoven through the machine, ensure that the adhesive is applied uniformly without any flaws. Glue the strips immediately without a soaking period and press them on with a rubber roller or a wallpaper brush to remove any bubbles. The further application procedure is performed as described above.
<b>Consumption</b>	Approx. 1.33 m/m <sup>2</sup> . One roll can cover approx. 18 m <sup>2</sup> or 93 m <sup>2</sup> . The individual strips must be glued edge to edge.
<b>Application temperature</b>	Do not apply at an air and object temperature below +10 °C. Ideally applied at +18 °C to +25 °C air and object temperature with 30 to 60% relative humidity.
<b>Further treatment/ coating</b>	<p>After the adhesive has dried, coat the surfaces 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 the coating uniformly. Depending on the degree of exposure, requirements, and the degree of gloss, we recommend emulsion paints with a minimum wet abrasion resistance of Class 3 in accordance with DIN EN 13300 for the coating.</p> <p>We recommend, e.g.:</p> <ul style="list-style-type: none"> <li>- Dolomit ELF 900</li> <li>- Glemalux ELF 1000</li> <li>- Superlux ELF 3000</li> <li>- Latex Paint ELF 992</li> <li>- Sensocryl ELF 266–269</li> </ul>

## Drying

Recoat 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.

## Coating build-up

### Substrate preparation

The substrate must be solid, dry, clean, load-bearing, and free from efflorescence, sinter 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 thoroughly 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 well and clean. Remove wall coverings such as paper wallpapers, woodchip wallpapers etc., incl. paste and paper residues. Treat replastered areas with a fluorine primer correctly. 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 and 16. Observe VOB Part C, DIN 18363 and 18366, Paragraph 3.

### Gluing and coating rough nonwoven

Substrates	Priming	Filling and priming <sup>3)</sup>	Gluing	Coating
Gypsum plasterboard, gypsum wallboards, 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 prime coat with Lacryl Deep Penetrating Primer ELF 595	Rough nonwoven glued with Nonwoven Adhesive ELF 375, Vitaglu 9003 CreaGlas Fabric Adhesive ELF 377 or Metylan NP Hohe Klebkraft Raufaser & Vlies 1543 or Metylan Object Paste 1529	Depending on the degree of exposure, requirements and the degree of gloss, emulsion paints with a minimum wet abrasion resistance Class 3 in accordance with DIN EN 13300
Gypsum/gypsum lime mortar <sup>1)</sup>	Optional <sup>2)</sup> Depending on the requirements and selection, prepaste or Lacryl Deep Penetrating Primer ELF 595			
Normally absorbent substrates, e.g. interior plaster (lime/cement mortar <sup>1)</sup> ), concrete, plan stone masonry, matt emulsion paint coating				
Smooth, non-absorbent and glossy substrates, e.g. intact, glossy emulsion paint coatings, oil and enamel paints	Adhesion Primer ELF 3720			
Non-ferrous metals or plastic	2K-Epoxy Varioprimer 865 or 2K-Epoxy Varioprimer S 864			

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

<sup>2)</sup> Required if no additional filling of the surfaces is carried out. Priming through prepasteing can only be carried out with subsequent direct gluing with paste.

<sup>3)</sup> The requirement and scope of the filling are dependent on the expectations placed on the completed surface finish.

<b>Complaints</b>	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.
<b>Adhesive application and distribution</b>	Ensure that adhesive is applied in the adequate quantity and distributed uniformly. Applying too much adhesive can cause adhesive lumps and associated flaws in the surface appearance, as well as seam markings due to open seams following drying.
<b>Avoid blistering</b>	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 partially unadhered points in the gluing are particularly visible as blistering on ceiling areas or in special lighting situations, e.g. incidence of grazing light. The appearance can be easily avoided through pore-free filling over the entire area, e.g. with Briplast Mineral Hand Applying Light Filler ELF 1886. To do this, observe the information in the Data Sheets for the filler materials.
<b>Structural cracks</b>	Structural cracks can not be bridged permanently by gluing a nonwoven wall covering.
<b>Gypsum fillers on gypsum plasterboard</b>	The gypsum fillers recommended by gypsum plasterboard manufacturers can be particularly susceptible to moisture, which can result in swelling, bubble formation, and flaking (see also Data Sheet 2 "Filling of gypsum plasterboards, surface qualities" Trade Association of the German Plasterboard and Wallboard Industry). It is therefore important to ensure adequate ventilation and appropriate temperatures for rapid drying.
<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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