Data Sheet

Xtra Nonwoven 1725

pre-coated coatable nonwoven, dimensionally stable, highly-compacted, crack-bridging, tear-resistant, low-tension, for interior use

Field of Application

Designing, renovating and repairing substrates suitable for wallpapering in interior areas, e.g., interior plaster, gypsum plasterboard, exposed concrete, etc. For creating especially glossy, uniform and, in conjunction with the respective top coats, durable surfaces. Can be used on gypsum plasterboard and gypsum fiber board as a crack-bridging reinforcement in accordance with VOB, DIN 18363, Para. 3.2.1.2.

Properties

- For uniform coating results at all gloss grades
- Precoated for uniform absorption behavior
- Particularly smooth surface without projecting fibers
- Cut edges and film-packed
- PVC- and plasticizer-free
- No soaking time required
- Low tension and dimensionally stable
- Extremely tear-resistant
- Crack-bridging
- Particularly flexible
- “Schwerentflammbar B1” (flame-retardant)
- Easy to apply
- In system build-up with 2K-Aqua Whiteboard 2384, also suitable for use as a whiteboard surface

Material description

Color	white
Material basis	special pulp and textile fibers, combined with polymeric bonding agents
Area weight	approx. 170 g/m²
Reel width	approx. 0.75 m
Reel length	approx. 40 m
Packaging	2 rolls in box

Brillux ..more than paint

Use

Check

Before use, check delivered batch according to BFS Leaflet No. 7 and 16.

Gluing

Xtra Nonwoven 1725 can be laid in the applied adhesive or alternatively applied with the wallpaper pasting machine. Use undiluted Nonwoven 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. CreaGlas Fabric Adhesive ELF 377 must be used and, depending on the type of application, diluted with water.

Adhesive application on the substrate
Apply the glue uniformly and not too thickly on the correspondingly pretreated wall surfaces (application quantity approx. 150 g/m²). Dilute CreaGlas Fabric Adhesive ELF 377 with water by approx. 15% for roller application. Cut Xtra Nonwoven 1725 to the required length with an additional 5–10 cm, place it in the glue and press down with a rubber roller or a wallpaper smoother until there are no 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 glue down Xtra Nonwoven 1725 so that it 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 nonwoven material should be separated at the outer corners, particularly in the case of non vertical corners. Only on absolutely vertical corners can the fiberglass fabric be folded around the corner. Fold approx. 10 cm of non-woven fabric around the outer corner to establish a perfect connection to the subsequent strip. Adhesive contamination on the surface is to be avoided. Carefully remove any soiling with a damp sponge.

Application with a wallpaper pasting machine

When pulling the Xtra Nonwoven 1725 through the machine, ensure that the adhesive is applied uniformly without any flaws.
Employ the Nonwoven Adhesive ELF 375 undiluted.
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 out any bubbles with a rubber roller or a wallpaper smoother. The further application procedure is as described above.

Consumption

Approx. 1.33 m/m² without off-cuts. One roll is sufficient for approx. 30 m².
The individual strips must be applied edge to edge.

Application temperature

Do not apply at an air and object temperature below +10 °C/ 41 °F. Best applied at +18 °C to +25 °C air and object temperature with 30 to 60% relative humidity.

Optional filling of the surface

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

Once the adhesive has dried the material can be coated with emulsion paints. The coating work on the entire surface, including in the area in which the trimming work is performed, must always take place wet in wet. In cases of application using airless spraying, the surfaces must be re-rolled with a paint roller to smooth them. Xtra Nonwoven 1725 is also ideally suited as a basis for implementing creative techniques.
We recommend, depending on the type of exposure, requirements and gloss grade, using emulsion paints with a minimum wet abrasion resistance of Class 2 according to DIN EN 13300 or superiorly using 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

Store rolls in upright position at 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 down well and clean. Remove any wall coverings that are not suitable for painting; that includes any paste or wall-glue residue. Treat replastered areas with a fluorine primer. Fill rough substrates and defective areas, etc. with, e.g., Briplast Mineral Hand Applying Light Filler ELF 1886. Apply a prime and/or intermediate coat to the substrate as required. Also see BFS Leaflets no. 7, 10, and 16. Comply with VOB Part C, DIN 18363 and 18366 (Section 3 of both standards).

Coating build-up

Gluing and coating

Substrates	Primer	Filling and priming [3]	Gluing	Coating [4]
Gypsum plasterboard, gypsum wall panels, gypsum fiber board - filled	Optional [2] 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	Xtra Nonwoven 1725 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, requirements and the gloss grade, emulsion paints with a minimum wet abrasion resistance of Class 2 in accordance with EN 13300
Gypsum/Gypsum lime mortar [1]	Optional [2] As required and selected, Lacryl Deep Penetrating Primer ELF 595 or prepaste			
Normally absorptive substrates, e.g. interior plaster (lime/ cement mortar [1]), concrete, precision block masonry, matt emulsion paint coats				
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			

[1] Minimum compressive strength > 2.0 N/mm² (Compressive strength class CS II, CS III, CS IV as well as B1–B7).

[2] Required if no further filling of the surfaces is to be performed. Priming by means of prepasting may only be implemented in the event of subsequent, direct gluing with paste.

[3] 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.

[4] 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 distribution and smoothing.

Notes

Complaints

In event of a possible complaint, the roll insert and corresponding sample material must be returned. If defects are identified, the goods will be replaced or their costs, reimbursed. There will be no reimbursement of consequential costs.

Adhesive application and distribution

Take care to apply the correct quantity of adhesive and to distribute it evenly. 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.

Avoiding bubble formation

When gluing on porous substrates, such as concrete surfaces under unfavorable drying conditions, wall coverings may be forced away from the surface. These partial areas with no adhesion appear as bubbles during gluing, especially on ceiling areas and under special lighting conditions (such as grazing light). This flawed appearance can be avoided by filling the entire surface to eliminate pores, for example with Briplast Mineral Hand Applying Light Filler ELF 1886. To do this, follow the instructions in the data sheets for the filler used.

Structural cracks

Structural cracks cannot be permanently covered by gluing on 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.

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