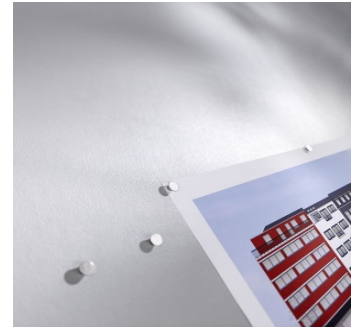


CreaGlas Nonwoven VG Magnetic

CreaGlas nonwoven with magnetic rear side lamination and white pigmented pretreatment on the visible side



Field of Application

For easy and reliable creation of magnetically-active presentation surfaces in interior areas – completely without rails, plates or magnetic paint. The overall appearance of the room remains unchanged and recoating the surfaces is easy in the future. In system build-up with 2K-Aqua Whiteboard 2384 also suitable for use as whiteboard surface. For use in facilities, such as offices and private rooms, hotels, restaurants, museums, hospitals, schools, nurseries, etc. Specifically in areas where magnetic surfaces are required.

Properties

Specially equipped CreaGlas nonwoven with magnetic rear side lamination and uniform, white pigmented special finish on the visible side. This enables sufficiently strong holding magnets to be mounted for fixing paper pictures, drawings etc. directly on the coated wall covering. CreaGlas Nonwoven VG Magnetic is hard-wearing, dimensionally stable, displacement-resistant and crack-bridging. It is non-conductive, has no shielding effect and therefore does not impede mobile signal and W-LAN reception. It also fulfills the requirements of the Öko-Tex Standard 100, Product Class I in accordance with test verification no. 03.0.8420 and, in system build-up with CreaGlas 2C PU Finish 3471, offers a number of other outstanding properties:

- alcohol-resistant
- diffusible
- moisture-resistant
- withstands high levels of mechanical stress
- wet abrasion resistance class 1 in accordance with EN 13300
- disinfectant-resistant in accordance with DIN 53168
- can be decontaminated in accordance with DIN 25415
- fire-certified in accordance with DIN EN 13501-1:2007, class B-s1, d0

Material description

Base material	nonwoven made from purely mineral fiberglass, diameter > 5 µm, with metal-coated rear side and white pigmented special finish on the front
Design	smooth nonwoven without texture in accordance with the sample collection
Roll width	approx. 0.95 m
Roll length	approx. 10.4 m on the normal roll, approx. 2.6 m on the short roll
Packaging	individual roll with protective film and edge protection in a box, incl. 10 strong cone-shaped magnets on each normal roll and 2 magnets on each short roll

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Design	Description	Roll length	Weight
4101 ¹⁾	Nonwoven VG Magnetic	approx. 10.4 m on the normal roll approx. 2.6 m on the short roll	approx. 1,520 g/m ²

¹⁾ Due to the special properties, only glue with CreaGlas Roll-on Adhesive ELF 378, undiluted. Take care to use the correct amount of adhesive and ensure uniform distribution. Follow the exact application instructions in the Data Sheet 378.

Use

Cutting Cut the fiberglass nonwoven strips to the required length with an additional 5–10 cm. CreaGlas Nonwoven VG Magnetic is subject to continual quality control. When cutting, always check that the fiberglass nonwoven is free from faults.
Attention! Only roll CreaGlas Nonwoven VG Magnetic in the winding direction. Never bend or roll in the opposite direction. This leads to damage on the visible side, which remains visible even after coating.

Gluing For gluing CreaGlas Nonwoven VG Magnetic, only use CreaGlas Roll-on Adhesive ELF 378, undiluted. Apply a sufficient amount of adhesive in 2–3 strips directly on the substrate, but not too thickly. Lay the cut-to-size nonwoven strips into the wet adhesive and press out any bubbles with the Fabric Smoother 1323. First place the new strip on the previous strip with an overlap of around 1 mm. Then push back the strip until the edges are flush and edge to edge. To avoid surface defects, never glue the fiberglass nonwoven reversed or inverted. Cut off surplus lengths on ceilings, baseboards, doors, windows etc. immediately after pressing on with a sharp utility knife or scissors.

Continuous gluing is not possible on corners. CreaGlas Nonwoven VG Magnetic must be cut on protruding corners and interior corners. For precise shaping at outer corners, we recommend using the Wallpaper Corner Profile 3093, 3095 or the Profiled Rail 3094.

We recommend applying CreaGlas Nonwoven VG Magnetic from corner to corner for complete wall areas. If the ferrous metal fiberglass nonwoven is only applied on sections of a wall, it should be separated from the remaining CreaGlas Fabric, e.g. the Profiled Rail 3094. It is not possible to create a seamless, even join with other wall coverings.

Use

Coating Once the adhesive has dried sufficiently, the coating takes place in system build-up with CreaGlas 2C PU Finish 3471, silk gloss. When using airless spraying for application, the surfaces must be rerolled with a paint roller to distribute and smooth the coating uniformly.

Application temperature Do not apply at air and object temperature is below +8 °C.

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

Can be recoated once sufficiently dried. At normal room temperature, allow to dry for at least 24 hours.

Allow longer drying times at lower temperatures and/or higher air humidity.

Storage

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

System build-up

Substrate preparation The substrate must be level, solid, dry, clean, load-bearing, and free from efflorescence, sinter layers, separating agents, corrosion-promoting components, 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 lime paint. Wash down intact coats of oil paints and varnishes with an alkaline solution, sand well and clean. Completely remove any wall coverings, including any paste or wall-glue residue. Treat replastered areas with a fluorine primer correctly. Fill rough substrates, defective areas etc. with Briplast Mineral Hand Applying Light Filler ELF 1886. Apply a prime and/or intermediate coat to the substrate as required. Also see VOB Part C, DIN 18363 and 18366, Section 3.

System build-up

Substrates ¹⁾	Prime coat	Filling and priming ⁴⁾	Gluing	Intermediate coat	Top coat
Plasterboard, gypsum wallboards, gypsum fiber boards - filled	Optional ³⁾ Lacryl Deep Penetrating Primer ELF 595	If necessary 1–2x with e.g. Briplast Mineral Hand Applying Light Filler ELF 1886 and prime with Lacryl Deep Penetrating Primer ELF 595	Nonwoven VG Magnetic glued with CreaGlas Roll-on Adhesive ELF 378	CreaGlas C PU Finish 3471	1–2x CreaGlas 2C PU Finish 3471 ⁵⁾
Gypsum/gypsum lime mortar ²⁾					
Normally absorbent substrates, e.g. interior plaster (lime/cement mortar ²⁾), concrete, plan stone masonry, matt emulsion color coatings	Adhesion Primer ELF 3720			2x 2K-Aqua Epoxy Primer 2373	2x 2K-Aqua Whiteboard 2384 ⁶⁾
Smooth, non-absorbent substrates and glossy substrates, e.g. intact, glossy emulsion paint coatings, oil and enamel paints					

- ¹⁾ Not suitable for use on non-absorbent or sealed substrates, as the moisture cannot be adequately compensated.
- ²⁾ Minimum compressive strength > 2.0 N/mm² (Compressive strength category CS II, CS III, CS IV as well as B1–B7).
- ³⁾ Required if no further filling of the surfaces takes place.
- ⁴⁾ The requirement and the scope of a filling is dependent on the expectations on the final surface finish, the object conditions, and the chosen design. For smooth, uniform surfaces, the substrate should usually correspond to at least surface quality Q3 for gypsum plaster or plasterboard substrates. All other substrates should also be prepared based on this.
- ⁵⁾ To achieve a uniform surface appearance, especially on critically illuminated surfaces, coats must be consistently applied wet in wet and with uniform smoothing.
To create surfaces that can be decontaminated, three coatings with CreaGlas 2C PU Finish 3471 must be applied in accordance with the test certificate.
- ⁶⁾ For system build-up with 2K-Aqua Whiteboard 2384 note data in 2K-Aqua Whiteboard 2384 Data Sheet.

Notes

Complaints relating to fiberglass nonwoven	Complaints must be submitted together with the batch number from the packaging and relevant sample material. Claims made after completion of laying cannot be accepted.
Adhesive application and distribution	Take care to apply the correct amount of adhesive and ensure uniform distribution. Applying too much adhesive can lead to accumulations of adhesive and related faults in the surface appearance, as well as seam markings due to open seams during drying.
Avoiding bubble formation	When glued to porous substrates, e.g. concrete surfaces, under unfavorable drying conditions, wall coverings may separate from the wall. These partially unadhered points in the gluing are particularly visible as bubbles on ceiling areas and in certain light situations, such as incidence of grazing light. The appearance can be prevented with large-scale, pore-free filling with Briplast Mineral Hand Applying Light Filler ELF 1886, for example. Follow the instructions in the data sheets for the filler materials.
Structural cracks	Structural cracks can not be permanently bridged with the gluing of CreaGlas Nonwoven.
Further information	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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