Brillux Münster

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MPA

Baustoffklasse
schwer entflammbar
(DIN 4102-B1)
Baustoffklasse
nicht brennbar
(DIN 4102-A2)

CreaGlas Fabric VG – precoated

CreaGlas Gewebe VG – vorgrundiert

CreaGlas Fabric and Nonwoven 3457 with pigmented pre-priming and high-quality special finish

Properties

CreaGlas Fabric with pigmented pre-priming and high-quality special finish. Hard-wearing, dimensionally stable, displacement-resistant, highly stable when exposed to moisture, non-swelling, can be coated several times, crack-bridging, and rot-resistant. Certified in accordance with Öko-Tex standard 100, product class I in compliance with test verification no. 03.0.8420. Intermediate coat may not be required, depending on the site conditions, the color shade and gloss grade of the chosen coating as well as the exposure of the surface.
Depending on coating build-up, the CreaGlas Fabric System offers additional unique advantages:
- alcohol-resistant
- diffusible
- moisture-stable
- high mechanical resistance
- wet abrasion resistance Class 2 or 1 as per EN 13300
- disinfectant-resistant according to DIN 53 168
- decontaminable as per DIN 25 415
- hardly inflammable B1 as per DIN 4102
- non-combustible A2 as per DIN 4102

Field of application

CreaGlas Fabric VG allows a wide range of surface designs thanks to a selection of different VG designs in combination with many different compatible coatings:
from smooth and fine to coarse textures, dull matt to glossy, white or colored.
from fine, medium and coarse textures up to nonwoven surfaces, dull-matt to glossy, white or color-coated.
CreaGlas Fabric VG is ideal for large building projects because of its moisture-proof, pigmented finish. One coat may be sufficient when a white or bright tinted top coat is used. With its smooth, untextured surface, CreaGlas Nonwoven VG is particularly suitable for high-quality, smooth coating build-ups. Additionally, CreaGlas Fabric VG can also be used for creating individual designs using Creative Techniques, e.g. wiping technique with Creativ Viviato 72 or Creativ Classico 50.
Can be used in office and private rooms, hotels, restaurants, museums, hospital, schools, nursery schools, etc.
Particularly suitable for exposed areas, e.g. entrance areas, hallways, staircases, sanitary areas, lounges.

Material description

Material basis:
Glass fiber fabric of purely mineral glass fiber with white-pigmented special finish, diameter > 5 μm
Designs:
6 designs selected from CreaGlas Fabric sample collection as well as two Nonwovens.
Width of roll: approx. 1.00 m
Length of roll: approx. 25 or 50 m depending on design.
Packaging: Individual rolls with protection foil in cardboard box.

CreaGlas Fabric VG – designs

Design *	Designation	Length of roll	Weight
2100	VG Grob (coarse)	approx. 50 m	approx. 170 g/m²
2111 [1]	VG Fein (fine)	approx. 50 m	approx. 135 g/m²
2117	VG Objekt grob (object coarse)	approx. 25 m	approx. 250 g/m²
2118	VG Fischgrät (herringbone pattern)	approx. 25 m	approx. 195 g/m²
2119	VG Objekt mittel (object medium)	approx. 50 m	approx. 145 g/m²
2128	VG Doppelkette (double chain)	approx. 25 m	approx. 190 g/m²

* All designs can also be applied with a wallpaper pasting machine.
Use only CreaGlas Fabric Adhesive ELF 377 that has been appropriately diluted with water to apply the adhesive using the airless method and to process it with a wallpaper pasting machine. Follow the instructions in Data Sheet 377.

[1] The Design 2111 VG Fine may only be glued using CreaGlas Fabric Adhesive ELF 377, diluted approx. 15% with water. Ensure application of the correct quantity of adhesive and distribute it evenly.

Use

Cutting

Cut lengths to size, plus an additional length of 5–10 cm.
Note pattern, depending on the selected design (Repeat).
CreaGlas fabric covering is subject to continual quality control. Any production defects of the fabric are indicated at the cutting edges and are compensated by adding additional length.
These marks shall not give rise to any complaints. When cutting the product to size, always check if the fabric is free from defects.

Gluing

As required, uniformly apply a sufficient quantity of CreaGlas Fabric Adhesive ELF 377, CreaGlas Roll-on Adhesive ELF 378 or Reinforcement Adhesive 480 across an area of 2 to 3 web widths directly on the substrate.

Lay the cut CreaGlas Fabric in the wet adhesive edge to edge and press out any bubbles with the Fabric Wallpaper Smoother 1323. All CreaGlas Fabric VG designs can also be applied using a wallpaper pasting machine. For this method, use CreaGlas Fabric Adhesive ELF 377 and heed the exact application instructions in Data Sheet 377.

After pressing the fabric on, you can cut off excessive material at ceilings, skirting, doors, windows, electric sockets, etc. using a sharp knife or a pair of scissors. For precise shaping at outer corners, such as at window and door niches or room corners, we recommend using the Wallpaper Corner Profile 3093 or 3095, rounded, or the Profiled Rail 3094. If no wallpaper corner profiles are used, the fiberglass fabric should be separated at the outer corners, especially if the corners are not perfectly vertical. Only on absolutely vertical corners can the fiberglass fabric be folded around the corners.

To achieve this, fold the fiberglass fabric roughly 10 cm around the outer corner to ensure a proper connection with the following fabric strip.

To avoid texture differences, never glue on while "reversed alternate strips" or „laterally reversed". Pay attention to the vertical, colored marking stripes on the back side of the fabric (adhesive side) and the diagram on the packaging.
The auxiliary marks are completely covered by the subsequent coating.
When gluing, it is important to ensure that the horizontal yarn course (weft yarn) matches that of the adjacent yarn in the main visual range (eye level). Otherwise, an undesired zipper effect will arise.

CreaGlas Nonwoven VG – Designs

Design	Designation	Length of roll	Weight
1000 [1]	VG Nonwoven	approx. 50 m	approx. 140 g/m²
1001 [2]	VG Nonwoven Premium	approx. 50 m	approx. 195 g/m²

[1] Can also be applied with a wallpaper pasting machine. Use water-diluted Nonwoven Adhesive ELF 375 or CreaGlas Fabric Adhesive ELF 377 for this purpose. Follow the instructions in the Nonwoven Adhesive ELF 375 and CreaGlas Fabric Adhesive ELF 377 Data Sheets.

[2] Due to the special, microporous surface, the Nonwoven VG 1001 Premium will absorb moisture when applied. This material-typical property does not affect the subsequent coating.

Use

Cutting

Cut the nonwoven webs to length plus an additional length of 5–10 cm. CreaGlas Nonwoven VG is subject to continual quality control. Sporadic defects resulting from the production process are compensated by adding additional length to the reel. When cutting the product to size, always check whether a length of nonwoven is free from defects.

Gluing

Use undiluted Nonwoven Adhesive ELF 375 or approx. 15% water-diluted CreaGlas Fabric Adhesive ELF 377 for gluing the CreaGlas Nonwoven VG to produce particularly smooth, untextured surfaces.

We recommend using water-diluted CreaGlas Fabric Adhesive ELF 377 for bonding CreaGlas Nonwoven VG on surfaces with higher requirements for wet adhesiveness, such as on ceiling surfaces.

Apply the adhesive directly to the substrate, 2 to 3 webs wide; apply material uniformly and in a sufficient but not excessive quantity. Place the cut Nonwoven in the wet glue (edge to edge) and press it on using Fabric Wallpaper Smoother 1323, making sure that no bubbles form.

To avoid surface differences, never hang the Nonwoven "reversed alternate strips" or „laterally reversed". CreaGlas Nonwoven VG 1000 can also be applied with a wallpapering pasting machine. Nonwoven Adhesive ELF 375 or water-diluted CreaGlas Fabric Adhesive ELF 377 for this purpose. Follow the instructions in the Nonwoven Adhesive ELF 375 and CreaGlas Fabric Adhesive ELF 377 Data Sheets.

The untextured CreaGlas Nonwoven VG can also be applied using the so-called double-cut technique. Apply the several lengths with overlap. Then make a new seam by making a cut in the overlapping area using the Utility Knife Mini 1443. To avoid damaging the substrate, do not apply too much pressure. When applying the material to sensitive substrates, e.g. gypsum plasterboard, use a pad when using the double-cut technique or use Wallpapering Draw Cut Knife 1310.

After pressing the fabric on, you can cut off excessive material at ceilings, skirting, doors, windows, electric sockets, etc. using a sharp knife or a pair of scissors.

For precise shaping on outer corners, such as on window and door niches or room corners, we recommend using the Wallpaper Corner Profile 3093 or 3095, rounded, or the Profiled Rail 3094. If no wallpaper corner profiles are used, the fabric should be separated at the outer corners, especially if the corners are not perfectly vertical. Only on absolutely vertical corners can the fabric be folded around the corners. To achieve this, fold the fabric roughly 10 cm around the outer corner to ensure a proper connection with the following fabric strip.

Optional – Filling for special surface requirements

We recommend filling the entire surface of the nonwoven wall covering with Mineral Hand Applying Light Filler 1886 diluted by approx. 5% on surfaces with a special look 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.

Intermediate coat

In the case of normal exposure and a white or slightly tinted coating with CreaGlas Fabric Finish ELF matt or silk-matt, one layer is sufficient in many cases. Depending on the color shade, gloss level, exposure of the surface, and the required surface finish, an intermediate coat may be necessary. If disinfectant resistance or decontaminability of the surface is required, in situations with grazing light, as well as in the case of silk-glossy or glossy coating, at least two coats are required.

Coating

Once the adhesive is dry, CreaGlas Fabric VG must always be coated. 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.

Depending on the degree of exposure of the surfaces and the required system properties, the fabric is coated with:

- CreaGlas Fabric Finish ELF
  3476 dull-matt
  3499 silk-matt
- Super Latex ELF 3000,
  dull-matt
- Sensocryl ELF
  266 dull-matt
  267 silk-matt
  268 silk-gloss
  269 glossy
- CreaGlas 2C PU Finish 3471
  silk-gloss

Application temperature

Do not apply if air or object temperature is below +8 °C.

System build-up

Substrate preparation

The Substrate must be even, 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, including any paste or glue residue. Treat replastered areas with a fluorine primer. Fill rough substrates and defective areas, etc. with, e.g., Mineral Hand Applying Light Filler 1886. Apply a prime and/or intermediate coat to the substrate as required. Also see Sections 3 of both VOB Part C, DIN 18363 and 18366.

Substrates	Primer	Filling and priming [2]	Gluing	Coating [3]
Gypsum plaster-board, gypsum wall panels, gypsum fi-ber board - filled	Optional [2] Lacryl Deep Penetrating Primer ELF 595	If necessary 1 – 2x with e.g. Mineral Hand Applying Light Filler 1886 and priming with Lacryl Deep Penetrating Primer ELF 595	with CreaGlas Fabric Adhesive ELF 377 CreaGlas Roll-on Adhesive ELF 378 or Reinforcement Adhesive 480	See table below, "Coating build-up CreaGlas Fabric Profession"
Gypsum/Gypsum lime mortar [1]				
Normally absorbent substrates, e.g. interior plaster (lime/cement mortar [1]), concrete, plan stone 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	2C Epoxy Primer 855			

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

[2] Required if no further filling of the surfaces is to be performed.

[3] The need for and scope of filling depends on the expectations on the final surface finish, the object situation and the selected design (texture). For smooth, even surfaces (nonwoven 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, using this as a basis.

[4] To achieve a uniform surface appearance, especially on critically illuminated surfaces, coats must be consistently applied wet in wet and with uniform smoothing.

Coating build-up CreaGlas Fabric VG precoated

System build-up*	Adhesive	Intermediate coat	Top coat [2]
1	as required CreaGlas Fabric Adhesive ELF 377 or CreaGlas Roll-on Adhesive ELF 378	if required, CreaGlas Fabric Finish ELF 3476 or 3499 [1] or Super Latex ELF 3000	CreaGlas Fabric Finish ELF 3476 or 3499 or Super Latex ELF 3000
2		Sensocryl ELF 266, 267, 268 or 269	Sensocryl ELF 266, 267, 268 or 269
3		CreaGlas Fabric Finish ELF 3476 or 3499	2x CreaGlas 2C PU Finish 3471 silky gloss
3		CreaGlas 2C PU Finish 3471 silky gloss	1 to 2x CreaGlas 2C PU Finish 3471 silky gloss
4	Reinforcement Adhesive 480	CreaGlas 2C PU Finish 3471 silky gloss	

* For details on the properties of the different system build-ups, refer to Data Sheet "CreaGlas Fabric System 3457". In the case of direct spray water and persistent moisture impact, the use of fiberglass fabric systems is generally not recommended.

[1] Intermediate coat may be required, depending on the color, the exposure of the surface and the object conditions.

[2] To create surfaces suitable for decontamination, three coats of CreaGlas 2C-PU Finish 3471 must be applied in compliance with the test certificate.

Consumption

CreaGlas Fabric Adhesive ELF 377	approx. 150 to 300 g/m²
CreaGlas Roll-on Adhesive ELF 378	approx. 150 to 300 g/m²
Reinforcement Adhesive 480	approx. 300 g/m²

	Intermediate coat	Top coat
CreaGlas Fabric Finish ELF	approx. 160 to 180 ml/m²	approx. 130 to 150 ml/m²
Super Latex ELF 3000	approx. 160 to 180 ml/m²	approx. 130 to 150 ml/m²
Sensocryl ELF 266 to 269	approx. 160 to 180 ml/m²	approx. 130 to 150 ml/m²
CreaGlas 2C PU Finish 3471	approx. 220 to 240 g/m²	approx. 160 to 190 g/m²

Consumption depends on fabric texture and substrate, determine exact consumption by way of a test application on the object. A consumption similar to that of standard smooth paints is to be expected when coating CreaGlas Nonwoven VG.

Storage

Store reels in upright position at a dry place.

Notes

Complaints about fabric

If you have any complaints, return the batch number indicated on the cardboard packaging and material samples. Complaints cannot be accepted if more than 10 lengths of wallpaper have already been applied.

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 and cause disruptions in the surface appearance as well as seam markings due to open seams that arise in the course of drying.

Avoid bubble formation

If applied to porous substrates, e.g. concrete surfaces in combination with unfavorable drying conditions, wall coverings may not stick to the wall properly. Such partial non-adhesion areas may result in bubble formation, especially on ceiling surfaces or under certain lighting conditions, e.g. glancing light. This can be avoided by full-surface pore-free filling using Mineral Hand Applying Light Filler 1886, for example. Follow the instructions in the respective filler Data Sheets.

Structural cracks

Structural cracks cannot be covered permanently by gluing on CreaGlas Fabric.

Certified system build-up

The respective test certificate must be heeded for a certified system build-up. The current version can be found in the Internet.

Further information

Follow the information on the Data Sheets of the products used.

Remark

This Data Sheet has been prepared taking into account the current applicable German laws, standards, specifications and codes of practice. All details have been translated from the current German version. The contents do not form a legal contract. The user and/or the purchaser is not released from the responsibility of checking that our products are suitable for the proposed use. In addition our Terms of Conditions and Payment apply.

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