

CreaGlas Fabric VG



CreaGlas Fabric 3457 with pigmented pre-priming



Field of application

CreaGlas Fabric VG is ideal for commercial buildings because of its moisture-proof, pigmented finish. One coat may be sufficient when a white or bright tinted top coat is used. Additionally, CreaGlas Fabric VG can also be used for creating individual designs by 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, kindergartens, etc. Particularly suitable for high traffic areas, e.g. entranceways, hallways, staircases, washrooms, lounges.

Properties

- White pigmented pre-priming
- Certified according to Öko-Tex Standard 100
- Durable
- Dimensionally stable
- Displacement-resistant
- Crack-bridging
- Can be coated several times
- Almost all designs, except for the fine and open textures, can be applied using a wallpaper pasting machine

Material description

Designs	Designation *)	Length of roll	Weight
	2100 VG Grob (coarse)	Approx. 50 m	Approx. 175 g/m ²
	2111 VG Fein (fine) ¹⁾	Approx. 50 m	Approx. 135 g/m ²
	2117 VG Objekt grob (object coarse)	Approx. 25 m	Approx. 255 g/m ²
	2118 VG Fischgrät (herringbone pattern)	Approx. 25 m	Approx. 205 g/m ²
	2119 VG Objekt mittel (object medium)	Approx. 50 m	Approx. 145 g/m ²
	2120 VG Medium	Approx. 50 m	Approx. 140 g/m ²
	2128 VG Doppelkette (double chain)	Approx. 25 m	Approx. 190 g/m ²
*) Names as per the CreaGlas Fabric sample collection.			
¹⁾ The Design 2111 VG Fine may only be glued using CreaGlas Fabric Adhesive ELF 377, diluted approx. 15% with water or with Vitaglu 9003. Ensure the right amount of adhesive is applied, and that it is spread evenly.			
Base material	Glass fiber fabric of purely mineral glass fiber with white pigmented pre-priming, diameter > 5 µm.		
Roll formats	Width: 1.00 m Length: approx. 25.00 m or approx. 50.00 m depending on the design		
Packaging	Individual rolls with protective foil in a cardboard box		

Use

Cutting	Cut lengths to size, plus an additional length of 5–10 cm. If applicable on the selected design, note the repeated pattern. CreaGlas Fabric is subject to continual quality control. Isolated production-related fabric faults are marked along the cutting edges and compensated with a corresponding additional length. These markings are not grounds for complaint. When cutting the product to size, always check if the fabric is free from defects.
Gluing	Depending on the requirements, evenly apply CreaGlas Fabric Adhesive ELF 377, CreaGlas Roll-on Adhesive ELF 378, Vitaglu 9003 or Reinforcement Adhesive 480 in 2–3 strip widths directly to the substrate in a quantity that is appropriate for the design. Lay the cut CreaGlas Fabric in the wet adhesive edge to edge and press out any bubbles with the Fabric Wallpaper Smoother 1323. Alternatively, all CreaGlas Fabric VG designs can also be applied using a wallpaper pasting machine. Here, use CreaGlas Fabric Adhesive ELF 377 and observe the instructions for use in the 377 data sheet. After pressing the fabric on, you can cut off excessive material on ceilings, skirting boards, doors, windows, electric sockets, etc. using a utility knife or a pair of scissors. 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 glass fiber fabric should be separated at the outer corners, especially if the corners are not perfectly vertical. The glass fiber fabric can only be folded around the corner on absolutely vertical corners. To do so, the fabric is folded around the outer corner by approx. 10 cm, so that a seamless join to the following strip is ensured.

Use

Gluing To avoid texture differences, never glue on as “reversed alternate strips” or “laterally reversed”. To ensure correct application, heed the vertical, colored marking stripes on the back side of the fabric and the diagram on the packaging. When gluing, it is important to ensure that the horizontal yarn course (weft yarn) matches the adjacent yarn in the main visual range (eye level). Otherwise, an undesired zipper effect will arise.

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 glue is dry, CreaGlas Fabric Profession must always be coated. Always apply the coating to the entire surface wet on wet, even in the area being trimmed. Depending on the exposure of the surface, a second intermediate coat may be required. Depending on the surface exposure and necessary system properties, the system is build up with the selected coating system.

Application temperature Do not apply if air or object temperature is below +10°C. Best applied at +18°C to +25°C air and object temperature with 30 to 60% relative humidity.

Drying (+20°C, 65% relative humidity)

Ensure uniform drying at room temperature. Avoid too rapid drying due to drafts or excessive heat – and also avoid too slow drying due to a room temperature below +10 °C. Can usually be coated after drying overnight. Allow longer drying times at lower temperatures and/or higher air humidity.

Storage

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

Substrate preparation

The substrate must be smooth, solid, dry, clean, load-bearing and free from efflorescence, sintered layers, separating agents, corrosion-promoting components or other intermediate layers affecting adhesion. Check the suitability, load-bearing capacity and adhesive properties of existing coatings. Remove defective and unsuitable coatings completely and dispose of them in accordance with the applicable regulations. Thoroughly wash off distemper. Wash down intact coats of oil paints and varnishes with an alkaline solution, sand well and clean. Remove any wall coverings, including paste residue and paper waste. Treat replastered areas with a fluorine primer. Fill rough substrates, damage, etc., with e.g. Briplast Mineral Hand Applying Light Filler ELF 1886. Apply a prime and/or intermediate coat to the substrate as required. Please also refer to BFS Leaflets No. 7, 10 and 16. Observe VOB Part C, DIN 18363, Para. 3 as well as 18366, Para. 3.

Glue layer and coating of CreaGlas Fabric VG

Substrates	Prime coat	Filling and priming ³⁾	Gluing	Coating ^{4) 5)}
Gypsum plasterboard, gypsum plasterboard wall panels, gypsum fiber board – filled	optional ²⁾ Lacryl Deep Penetrating Primer ELF 595	If necessary, 1–2x with e.g. Briplast Mineral Hand Applying Light Filler ELF 1886 and priming with Lacryl Deep Penetrating Primer ELF 595 or Vitafill 9001 and priming with Vitabase 9002 – preservative-free	With CreaGlas Fabric Adhesive ELF 377, CreaGlas Roll-on Adhesive ELF 378, Vitaglue 9003 or Reinforcement Adhesive 480	See table “CreaGlas Fabric VG coating build-up” below
Gypsum/Gypsum lime mortar ¹⁾				
Normally absorbent substrates, e.g. interior plaster (lime-/mortar ¹⁾), concrete stone masonry, plan stone masonry, matt emulsion paint coats				
Smooth, non-absorbent and glossy substrates, e.g. intact, gloss emulsion paint coats, oil and enamel paint	Adhesion Primer ELF 3720			
Non-ferrous metals or plastics	2K-EP Varioprimer 865 or 2K-EP Varioprimer S 864			

¹⁾ Minimum compressive strength $\geq 2.0 \text{ N/mm}^2$ (Compressive strength class CS II, CS III, CS IV as well as B1–B7).

²⁾ Where necessary, if there is no further filling on the surface.

³⁾ The requirement and the scope of a filling depend on the expectations on the final surface finish, the site conditions and the chosen fabric texture.

⁴⁾ For creating an even surface appearance, particularly in critically illuminated areas, coats must be rolled wet on wet to achieve a fine and evenly textured surface.

⁵⁾ For a preservative-free system build-up in connection with Vitaglue 9003 to coat Vitashine 9006, Vitasense 9005 or Vitalux 9000.

CreaGlas Fabric VG coating build-up

System build-up*)	Adhesive	Intermediate coat	Top coat
1	CreaGlas Fabric Adhesive ELF 377, Vitagluue 9003 ¹⁾ or CreaGlas Roll-on Adhesive ELF 378	If necessary, CreaGlas Fabric Finish ELF 3476, Vitalux 9000 or Superlux ELF 3000 ²⁾	CreaGlas Fabric Finish ELF 3476, Vitalux 9000 or Superlux ELF 3000
2		If necessary, CreaGlas Fabric Finish ELF 3499, Vitashine 9006 or Vitasense 9005 ²⁾	CreaGlas Fabric Finish ELF 3499, Vitashine 9006 or Vitasense 9005
3		Sensocryl ELF 266, 267, 268 or 269	Sensocryl ELF 266, 267, 268 or 269
4		CreaGlas Fabric Finish ELF 3476 or 3499	2x CreaGlas 2K-PU Finish 3471
		CreaGlas 2K-PU Finish 3471	1–2x CreaGlas 2K-PU Finish 3471 ³⁾
5	Reinforcement Adhesive 480	CreaGlas 2K-PU Finish 3471	

*) For details on the properties of the different system build-ups, refer to the tables below. In the case of direct spray water and persistent moisture impact, the use of glass fiber fabric systems is generally not recommended.

¹⁾ Can be used for gluing CreaGlas Fabric with a weight per unit area of up to 150 g/m².

²⁾ Depending on the color shade, stress on the surface and the site conditions, an intermediate coat may be necessary.

³⁾ To create surfaces suitable for decontamination, three coats of CreaGlas 2K-PU Finish 3471 must be applied in accordance with the test certificate.

CreaGlas Fabric properties depending on system build-up

Properties	System build-up				
	1	2	3	4	5
Diffusible	•	•	•		
Alcohol-resistant				•	•
Moisture-stable ¹⁾			•	•	•
High mechanical resistance				•	•
Wet-abrasion resistance Class 2 in accordance with EN 13300	•				
Wet-abrasion resistance Class 1 in accordance with EN 13300		•	•	•	•
Low-emission, solvent- and plasticizer-free and preservative-free	• ²⁾	• ²⁾			
Low-emission, solvent- and plasticizer-free			•		
Flame-retardant B1 ³⁾	• ²⁾	• ²⁾	•	•	
Non-combustible A2 ³⁾	• ²⁾	• ²⁾			
Disinfectant resistance ³⁾	• ²⁾	• ²⁾	•	•	•
Decontaminable ³⁾				•	•

¹⁾ In the case of direct spray water and persistent moisture impact, the use of glass fiber fabric systems is generally not recommended.

²⁾ Depending on the selected adhesive and the coating.

³⁾ In accordance with the test certificate, refer to the “Certified system build-up” notes.

Notes

Complaints about fabric	If you have any complaints, send the batch number indicated on the cardboard packaging as well as the control number of the individual role and corresponding material samples. Complaints cannot be accepted if more than 10 lengths of wallpaper have already been applied.
Adhesive application and distribution	When applying glue, ensure the right amount is applied, and that it is applied evenly. Applying too much adhesive may cause residue and associated unsightly defects to the surface appearance as well as seam marks caused by exposed seams caused during drying.
Avoid bubble formation	When glued to porous substrates, e.g. concrete surfaces, under unfavorable drying conditions, wall coverings may not stick to the wall properly. Any such areas that do not stick may result in the formation of bubbles, especially on ceiling surfaces or under certain lighting conditions, e.g. grazing light. This can be avoided by full-surface pore-free filling using Briplast Mineral Hand Applying Light Filler ELF 1886, for example. To do so, follow the instructions in the respective filler data sheets.
Mounting wallboards	Gypsum plasterboards, chipboards, blockboards and fiber cement boards must be attached without vibration, and the edges and joints must be correctly filled and leveled.
Structural cracks	Structural cracks cannot be permanently bridged by gluing CreaGlas Fabric.
Certified system build-up	The respective test certificate must be observed for a certified system build-up. The current version is available on our website.
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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