

CreaGlas Fabric Adhesive ELF 377

Low-emission, solvent- and plasticizer-free, special adhesive for CreaGlas Fabric, for indoors



Field of Application

For gluing CreaGlas Fabric or Nonwoven and wall coverings in interior applications. On load-bearing substrates, e.g., interior plaster (depending on the compressive strength), concrete, gypsum plaster boards, intact dispersion paint coats.

Properties

- ELF = low emission, solvent and plasticizer-free
- Water-dilutable emulsion adhesive
- Also for use with wallpaper pasting and Airless units
- With good initial adhesion and long open time
- Good spreadability
- In system build-up with CreaGlas Fabric "schwerentflammbar" B1 (flame-retardant) or "nichtbrennbar" A2 (non-combustible)
- In system build-up with Rapid Nonwoven 1525 and Light Nonwoven 130 "schwerentflammbar" B1 (flame-retardant)
- Dries transparently
- Diffusible
- For indoors

Material description

Color	transparent when dry
Gloss grade	matt
Base material	polyvinyl acetate polymer
Density	approx. 1.02 g/cm ³
Packaging	18 kg

- Thinning** For roller application, dilute with water as required, depending on the substrate absorbency, design and situation on site. For fine CreaGlas designs, e.g. 2311 Fine and 2111 VG Fine as well as for nonwovens, dilute approx. 15% with water.
For airless application, dilute approx. 10% with water.
For application with wallpaper device, dilute approx. 25% with water.
- Tinting** Do not tint.
- Compatibility** Do not mix with other types of material.
- Application** Roller and airless application
For gluing CreaGlas Fabric and Nonwoven apply an adequate quantity of CreaGlas Fabric Adhesive ELF 377 (2 to 3 widths, depending on the design) directly on the substrate using a lamb's wool roller or the airless spray device. When applying the adhesive using an airless spray method, we recommend re-rolling the applied glue using a lamb's wool roller to ensure an even distribution and quantity of the adhesive. Apply or re-roll the glue with a short-pile lamswool roller and allow sufficient flash-off time.
Lay the cut CreaGlas Fabric or Nonwoven in the wet adhesive edge to edge and press out any bubbles with the Fabric Smoother 1323.
Avoid adhesive contamination on the surface. Carefully remove any contamination with a damp sponge.
- Application using a wallpaper pasting machine
In addition to that, almost all CreaGlas Fabric Profession and VG (precoated) designs can be applied using a wallpaper pasting machine. For further information on that, refer to Data Sheets cg20 CreaGlas Fabric Profession and cg21 CreaGlas Fabric VG (precoated). For application using a wallpaper pasting machine dilute CreaGlas Fabric Adhesive ELF 377 approx. 25 % with water. When pulling through the CreaGlas Fabric, make sure, the adhesive is applied evenly. Apply the Fabric immediately. The Fabric is more difficult to apply if soaked for too long and should be avoided. Continue the application as described above.
- Note the information on Data Sheets for CreaGlas Fabric Profession cg20, CreaGlas Fabric VG pre-primed cg21, Xtra Nonwoven 1725, Rapid Nonwoven 1525 and Light Nonwoven 130 when gluing wall coverings.
- Consumption** For gluing CreaGlas Fabric, approx. 150–300 g/m², depending on design and substrate.
For gluing non-woven wall coverings, e.g. CreaGlas Nonwoven VG 1000 and 1001, Xtra Nonwoven 1725, Rapid Nonwoven 1525 and Light Nonwoven 130, ca. 150 g/m².
Determine exact consumption by means of a test application on the object to be coated.
- Application temperature** Do not apply if air or object temperature is under +8 °C.
Recommended air and object temperature for application: +15 °C to +25 °C.
- Tool cleaning** Clean tools immediately after use with water.

Use

Spray data

Spray system	Nozzle	Spraying angle	Pressure	Thinning
Airless	0.023 inch	40°–50°	180–200 bar	Approx. 10%

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

After the adhesive is dry, further coatings can be applied on the wall covering.

Storage

Store in a cool and frost-free place. Reseal opened containers tightly.

Declaration

Note Contains preservatives.

Product code BSW20.
Comply with the specifications in the current Safety Data Sheet.

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 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 wall-glue residue. Treat replastered areas with a fluorine primer. Rough surface, damaged areas should be levelled out with e.g. Briplast Mineral Hand Applying Filler Light ELF 1886 before applying the paint. Apply a prime and/or intermediate coat to the substrate as required. Also see VOB Part C, DIN 18363, Section 3.

System build-up

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 or Lacryl Hydro-Gel ELF 695	As required, 1 – 2x with, e.g., Briplast Mineral Hand Applying Light Filler ELF 1886 and priming with Lacryl Deep Penetrating Primer ELF 595	CreaGlas Fabric and nonwoven wall coverings, e.g. CreaGlas Nonwoven VG 1000 or 1001, Xtra Nonwoven 1725, Rapid Nonwoven 1525 or Light Nonwoven 130, glued with CreaGlas Fabric Adhesive ELF 377	CreaGlas Fabric or Nonwoven with topcoats from the CreaGlas Fabric System or Xtra Nonwoven 1725, Rapid Nonwoven 1525 or Light Nonwoven 130, depending on degree of exposure of the surface, requirements and gloss grade with emulsion paints of at least wet abrasion resistance class 2 in accordance with DIN 13300
Gypsum lime mortar ¹⁾				
Normally absorbent substrates, e.g. interior plaster (lime/cement mortar ¹⁾), concrete, precision 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	2K-EP Varioprimer 865 or 2K-EP 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 surface filling is to take place.
- 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, 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.

Notes

- Application on gypsum fillers** Gypsum fillers recommended by gypsum plaster board manufacturers may be particularly sensitive to moisture impact; this may result in swelling, bubble formation and flaking (refer also to leaflet 2, „Verspachtelung von Gipskarton“ (Using Fillers on Gypsum Plasterboard) Bundesverband der Gips- und Gipsbauplattenindustrie e.V. (German Association of Gypsum and Plasterboard Industry). For rapid drying, ensure that the ventilation and temperature are adequate.
- 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.
- Further specifications** Follow the instructions on the Data Sheets of the products used, the CreaGlas Fabric System and the different CreaGlas fabric types.

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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