**Brillux Münster**
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MATERIAL PRÜFUNGSANSTALT UNIVERSITÄT STUTTGART
MPA STUTTGART
Otto-Graf-Institut (FMPA)

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

# CreaGlas Fabric Adhesive ELF 377

CreaGlas Gewebekleber ELF 377

**special adhesive for CreaGlas Fabric, low-emission, solvent and plasticizer free, for interior use**

## Properties

Low-emission, solvent and plasticizer free, neutral smelling, waterborne dispersion adhesive for interior use. Transparent when dry, water vapor permeable and easy to apply. With long workable surface and with good initial adhesion. Perfectly adjusted to CreaGlas Fabric. In combination with CreaGlas Fabric low inflammability B1 in accordance with DIN 4102 (test certificate P-BWU03-I-16.5.144) and non-inflammable A2 in accordance with DIN 4102, Z-PA III 4.161.

## 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.

## Material description

**Color:** transparent when dry
**Gloss grade:** matt
**Base material:** waterborne dispersion glue on polyvinyl acetate polymer basis
**Density:** approx. 1.02 g/cm³
**Packaging:** 18 kg

## Use

### 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, evenly apply sufficient 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.

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.

Follow the instructions in the Data Sheets 1725, 1525 and 1301 for gluing Xtra Nonwoven 1725, Rapid Nonwoven 1525 and Light Nonwoven 130.

**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.

## 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 location. Reseal opened containers tightly.

## Declaration

**Note**
Contains preservatives.

**Water pollution classification**
Class 1, according to VwVwS.

**Product code.**
D1.

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. Mineral Hand Applying Filler Light 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.

| Substrates | Primer | Filling and priming [3] | Gluing | Coating [4] |
|---|---|---|---|---|
| Gypsum plaster-board, gypsum wall panels, gypsum fiber board - filled | Optional [2] Lacryl Deep Penetrating Primer ELF 595 | As required, 1 – 2x with, e.g., Mineral Hand Applying Light Filler 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/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 | 2C Epoxy Primer 855 | | | |

[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 further instructions in the data sheet on the CreaGlas Fabric System and the different types of CreaGlas Fabric:
- Data Sheet 3457
  CreaGlas Fabric System
- Data Sheet cg20
  CreaGlas Fabric Profession
- Data Sheet cg21
  CreaGlas Fabric VG
- Data Sheet cg22
  CreaGlas Fabric VG K
- Data Sheet cg23
  CreaGlas Fabric Art-Line

Note the additional information in the Data Sheets of the products that are to be applied.

## 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.

When a new version of this Data Sheet appears with updated information the previous version no longer applies. The current version is available on our website. Version I

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