

CreaGlas Roll-on Adhesive ELF 378

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



Field of Application

For gluing CreaGlas Fabric and textile wall coverings in the interior. On load-bearing substrates, e.g., interior plaster (depending on the compressive strength), concrete, gypsum plasterboard, intact coats of emulsion coatings. Can also be used as adhesive additive in other commercial pastes.

Properties

- ELF = low emission, solvent and plasticizer-free
- Water-dilutable emulsion adhesive
- With very good wet adhesive strength and excellent aging stability
- In system build-up with CreaGlas Fabric "schwerentflammbar B1" (flame-retardant) or "nichtbrennbar A2" (non-combustible)
- Dries transparently
- Diffusible
- For interior use

Material description

Color	transparent drying
Gloss grade	matt
Base material	watery dispersion adhesive based on polyvinyl acetate polymer
Density	approx. 1.02 g/cm ³
Packaging	5 kg, 18 kg

Use	
Thinning	Normally not necessary. If required, depending on absorptive capacity of substrate and the object situation, dilute slightly with water.
Tinting	No tinting.
Compatibility	Do not mix with other types of material.
Application	Using a lamb's wool roller, uniformly apply a sufficient quantity of CreaGlas Roll-on Adhesive ELF 378 across an area of 2 to 3 times the width of the web directly on the substrate. If surface is exposed to moisture, use Reinforcement Adhesive 480. Place the cut CreaGlas Fabric in the wet glue (joint to joint) and press it on using the Fabric Smoother 1323, making sure that no bubbles form. CreaGlas Roll-on Adhesive ELF 378 is not suitable for use with wallpapering machines.
Consumption	For gluing CreaGlas Fabric approx. 150 to 300 g/m ² , depending on design and substrate. 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 in the CreaGlas Fabric System.

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 Light Filler 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 and 18366, Section 3 in each document.

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 or textile wall coverings glued with CreaGlas Roll-on Adhesive ELF 378	CreaGlas Fabric with topcoats from the CreaGlas Fabric System
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	2K-Epoxi Varioprimer 865 or 2K-Epoxi 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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