



CreaGlas Roll-on Adhesive ELF 378

CreaGlas Rollkleber ELF 378

special adhesive for CreaGlas fiberglass textile wall covering, low-emission, solvent and plasticizer-free, for interior use

Properties

Low-emission, solvent and plasticizer free, neutral-odor, water-borne special dispersion adhesive for interior use. Transparent drying, with very good wet adhesive strength and excellent ageing stability, water-vapor permeability and easy to use. Perfect for use in combination with CreaGlas Fabric. In system build-up with CreaGlas Fabric hardly inflammable B1 according to DIN 4102 as per Test Certificate No. P-BWU03-I-16.5.144 and non-combustible A2 according to DIN 4102 as per Test Certificate No. P-BWU03-I-16.40.41.

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.

Material description

Color: transparent drying
Gloss grade: matt
Base material: watery dispersion adhesive based on polyvinyl acetate polymer
Density: approx. 1.02 g/cm³
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/m², 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 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 and 18366, Section 3 in each document.

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	As required, 1 – 2x with, e.g., Mineral Hand Applying Light Filler 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	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

For more information on the CreaGlas Fabric System and the different types of CreaGlas Fabric, refer to the following data sheets:

- 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
- Data Sheet cg25
CreaGlas Nonwoven
VG Magnetic 4101

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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