

Fine Decor ELF 3609

Low-emission, solvent- and plasticizer-free, free from preservatives, organically bound render in accordance with DIN EN 15824 (smooth render), “nichtbrennbar” (non-combustible), for interior use



Farbsystem

Field of application

For achieving decorative, hard-wearing interior surfaces (smooth render), e.g. in staircases, hallways, offices and in the entire living area. Suitable for use on level substrates, e.g. interior render (CS II–CS IV and B1–B7 compressive strength categories), concrete, gypsum plasterboard.

Properties

- ELF = low emission, solvent and plasticizer-free
- Free from preservatives
- “nichtbrennbar” Ready for application
- Freely texturable
- Extremely durable
- Shock-proof
- Highly diffusible
- Easy to apply

Material description

Standard color shades	0095 white A number of color shades can be mixed using the Brillux Color System. Additional color shades available on request.
Grain structure	0.8–1.0 mm
Base material	Vinyl acetate, ethylene, vinyl ester
Density	About 1.7 g/cm ³
Layer thickness	About 1 mm
Reaction to fire	A2 – s1, d0 in accordance with DIN EN 13501-1 (non-combustible)
Packaging	0095 white: 25 kg Color System: 25 kg

Use

Thinning If necessary, use small quantities of water.

Tinting Up to a max. 2% using Vitamix 9018, tintable without preservatives.

Application Stir Fine Decor ELF 3609 well prior to use with a powerful agitator (at minimum 900 watts) and right-hand spiraled stirring rod (plaster stirring rod). Apply the render by hand using a stainless steel smoothing trowel or alternatively using a suitable worm conveyor or funnel-shaped gun. Make sure to create an even layer thickness during application and abrade the render layer using Plastic Smoothing Trowel 3791. Note the information in the "Spray application" table. Apply the render wet in wet to avoid visible lap marks. For this purpose, we recommend using sufficient workers in particular for larger surfaces.

Consumption About 1.8 kg/m², on smooth substrates.
Determine the exact consumption by means of a test application on the object to be coated.

Application temperature Do not apply below +5 °C and up to a max. of +30 °C air and object temperature. The temperature limits must be complied with even during the curing time.

Cleaning tools Clean tools immediately after use with water.

Spray application

Spray tools	Nozzle (mm)	Pressure/air supply	Thinning
Worm conveyor	4	About 2 bar full air supply	About 5%
Funnel-shaped gun	4	About 2 bar	About 5%

Drying (+20°C, 65% relative humidity)

Fully dry in about 2 days.
Allow longer drying times at lower temperatures and/or higher air humidity.

Storage

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

Declaration

Water pollution classification WPC 1, in accordance with VwVwS

Product code BSW40
Comply with the specifications in the current Safety Data Sheet.

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 adhesion. Check existing coatings for their suitability, load-bearing capacity and adhesive properties. Thoroughly remove defective and unsuitable coatings and dispose of them in accordance with the applicable regulations. Thoroughly wash off lime paint. Wash down intact coats of oil paints and varnishes with an alkaline solution, sand well and clean. Completely remove any wall coverings, including any paste or wall-glue residue. Treat replastered areas with a fluorine primer correctly. Apply a prime and/or intermediate coat to the substrate as required. Also see VOB Part C, DIN 18363, Section 3.

Render coat, interior

Substrates	Primer	Intermediate coat ¹⁾	Top coat
Normally absorbent substrates, e.g. interior plaster (compressive strength categories CS II–CS IV), emulsion, oil and enamel paint coats		Render Primer 3710 or Silicate-Brush-On Filler 3639 ²⁾	Fine Decor ELF 3609
Very absorbent substrates, e.g. gypsum plaster, gypsum plasterboard ³⁾ , concrete	Depending on the individual requirements Lacryl Deep Penetrating Primer ELF 595 or Deep Penetrating Primer 545		

¹⁾ For colored top coats, tint the intermediate coat based on the color of render.

²⁾ When using intermediate coats with Silicate-Brush-On Filler 3639, the complete coating build-up remains free from preservatives.

³⁾ When coating gypsum plasterboard surfaces that have not been filled across the entire surface, apply an additional, insulating prime coat to prevent discoloration of the top coat. See notes entitled "Discolorations on gypsum plasterboard". Alternatively, it is also possible to apply an additional coat with suitable interior emulsion paint, e.g. Vitalux 9000, free from preservatives, after the coat has sufficiently dried.

Notes

Coating build-up free from preservatives

Exclusively use Silicate-Brush-On Filler 3639 (if necessary tinted with Vitamix 9018) to guarantee coating build-up free from preservatives. Only the top coat is free from preservatives if the use of other prime coats is necessary.

Contiguous surfaces

Only use material of the same batch or mix the required material quantity on contiguous surfaces.

Characteristic structural grains

The additives used in the renders are natural products that individually (depending on the color of render) may be perceived as slightly darker or lighter structural grains. This is a typical basic, natural property of render coatings. This is not a technical/functional defect and does not justify a complaint.

Discolorations on gypsum plasterboard

An additional sealing coating must be applied if there is a risk of discolorations penetrating through the untreated gypsum plasterboard. Use Aqualoma ELF 202, Isolating Primer 924 or CreaGlas 2C PU Finish 3471 depending on the situation on site. For an accurate assessment, sample coatings of various panel widths, including the joints and filled areas, have proven to be useful.

Notes

Gypsum fillers on gypsum plasterboard

The gypsum fillers recommended by gypsum plasterboard manufacturers can be particularly susceptible to moisture, which can result in swelling, bubble formation, and flaking (see also Data Sheet 2 "Filling of gypsum plasterboards, surface qualities" Trade Association of the German Gypsum Plasterboard and Wallboard Industry). It is therefore important to ensure adequate ventilation and appropriate temperatures for rapid drying.


Smoothing rough surfaces

Smooth rough surfaces before the coating build-up by filling them with, e.g., Briplast Mineral Hand Applying Light Filler ELF 1886, as required.

Further information

Follow the instructions on the data sheets of the products used.

CE marking

	
NB 0432	
Brillux GmbH & Co. KG Weseler Straße 401 D-48163 Münster 18	
DoP no.: 3609-15824-01 EN 15824:2017 3609-15824-01 A2-s1,d0	
factory-made, water-dilutable, paste-like interior render with organic bonding agent on interior walls, ceilings, and pillars	
Adhesive tensile strength	≥ 0.3 MPa
Reaction to fire	A2-s1, d0

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.

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