

Interior Decor ELF

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



Farbsystem

Field of application

To achieve decorative and durable interior surfaces, e.g., in staircases, corridors, offices, as well as 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
- Preservative-free
- organically bound render in grooved and scraped render finish
- In scraped render finishes, can also be used as spray plaster
- "Nichtbrennbar" (non-combustible)
- Wash-resistant
- Ready for application
- Freely texturable
- Extremely durable
- Shock-proof
- Highly diffusible
- Easy to apply

Material description

Standard color tones 0095 white
A number of color shades can be mixed using the Brillux Color System. Additional color shades available upon request.

Types and texture	Interior Decor ELF KR K1 3603	Scraped render finish	1.0–1.5 mm *)
	Interior Decor ELF KR K2 3612	Scraped render finish	1.5–2.0 mm *)
	Interior Decor ELF KR K3 3613	Scraped render finish	2.5–3.0 mm *)
	Interior Decor ELF R K2 3601	Grooved render structure	1.5–2.0 mm *)
	Interior Decor ELF R K3 3672	Grooved render structure	2.5–3.0 mm *)

*) Grain structure

Material description

- Base material** Vinyl acetate, ethylene, vinyl ester
- Density** About 1.7 g/cm³
- Reaction to fire** A2 – s1, d0 in accordance with DIN EN 15824 "nichtbrennbar" (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 Interior Decor ELF well prior to use with a powerful agitator (at minimum 900 watts) and right-hand spiraled stirring rod (plaster stirring rod). Apply the render with a stainless steel smoothing trowel, at grain size, and rub down depending on the desired texture effect with the Plastic Smoothing Trowel 3791 or the Polyurethane Rubbing Board 3781. Apply the render wet in wet to avoid visible lap marks. For this purpose, we recommend using a sufficient number of workers particularly for larger areas. Alternatively, the Interior Decor ELF, type KR, can also be applied with a suitable worm conveyor pump machine or a funnel-shaped gun in spray render look. To do so, please refer to the information in the "Spray application of Interior Decor ELF KR" table.

- Consumption** Interior Decor ELF KR K1 3603 Approx. 2.7 kg/m²
Interior Decor ELF KR K2 3612 Approx. 3.3 kg/m²
Interior Decor ELF KR K3 3613 Approx. 4.2 kg/m²
Interior Decor ELF R K2 3601 Approx. 2.8 kg/m²
Interior Decor ELF R K3 3672 Approx. 3.5 kg/m²
Determine exact consumption by means of a test application on the object to be coated.

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

Tool cleaning Clean tools immediately after use with water.

Spray application of Interior Decor ELF KR, in spray application texture

Spray tools	Grain size	Nozzle (mm)	Pressure/air supply	Consumption	Thinning
Funnel-shaped gun	KR K1	6er	About 2 bar full air	Approx. 1.7 kg/m ²	Approx. 5%
	KR K2	8er		Approx. 2.2 kg/m ²	
	KR K3	10er	Approx. 2 bar reduced air	Approx. 2.9 kg/m ²	
Funnel-shaped gun	KR K1	6er	About 2 bar	Approx. 1.7 kg/m ²	Approx. 5%
	KR K2	8er		Approx. 2.1 kg/m ²	
	KR K3	10er		Approx. 2.7 kg/m ²	

Drying (+20°C, 65% relative humidity)

Fully dry in about 1–2 days.
Allow for longer drying time if the temperature is lower and/or the humidity is higher.

Storage

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

Declaration

Notes Do not inhale spray mist.

Product code BSW40
The information in the current Safety Data Sheet applies.

Coating build-up

Substrate preparation The substrate must be level, solid, dry, clean, load-bearing and free from efflorescence, sintered 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 limepaint. 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. 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⁾	Interior Decor ELF R or KR in the desired grain size
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 for 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 untreated gypsum plasterboard. Depending on the situation on site, use Aqualoma ELF 202, Iso grund 924 or CreaGlas 2K-PU-Finish 3471. For an accurate assessment, sample coatings of various panel widths, including the joints and filled areas, have proved to be useful.
Gypsum fillers on gypsum plasterboard	The gypsum fillers recommended by gypsum plasterboard manufacturers can be particularly susceptible to moisture, which can result in swelling, blister formation, and flaking (see also Data Sheet 2 "Filling of gypsum plasterboards, surface qualities" Federal Association of the German Gypsum Plasterboard and Wallboard Industry). It is therefore important to ensure adequate ventilation and appropriate temperatures for rapid drying.
Filling 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.

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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