

Wall Primer ELF 3729

low-emission, solvent- and plasticizer-free, white, matt, preservative-free, for interior use, for use on gypsum plasterboard, gypsum plaster and concrete



Farbsystem

Field of application

Can be used as an adhesion promoter and primer for subsequent coats and interior coatings on gypsum plasterboard, gypsum plaster and concrete as well as on firmly-adhesive, load-bearing, old matt emulsion coatings. Can also be used as a preservative-free coating for subsequent silicate coatings and as pigmented wallpaper primer.

Properties

- ELF = low emission, solvent- and plasticizer-free
- tested according to requirements of AgBB evaluation schemes
- white preservative-free
- Water-vapor-permeable
- very good hiding power
- Adhesion promoting
- Consolidating
- Can be applied in roller or spray application

Material description

Standard color	0095 white. Basecode color shades and light to medium color shades can be mixed with the Brillux Color System.
Gloss grade	matt
Base material	Styrene-acrylic-copolymer
Density	Approx. 1.4–1.5 g/cm ³
Reaction to fire	A2 – s1, d0 in accordance with DIN EN 13501-1 ("nichtbrennbar", non-combustible), according to classification report no. 230011570-3. With system build-up featuring Briplast filler material according to classification report no. 230010838-3.
Packaging	0095 white: 15 l Color System: 15 l

Use

Thinning If necessary, thin slightly with water.

Tinting Up to a max. 10 % using Vitamix 9018, tintable without preservatives.

Compatibility Do not mix with other types of materials.

Application Wall Primer ELF 3729 can be applied by brush, roller and airless spraying.

Consumption Approx. 150–200 ml/m² per layer on smooth substrates. On rough surfaces, consumption will be higher.
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 below +5°C.

Tool cleaning Clean tools immediately after use with water.

Spray data

Method	Nozzle	Spray angle	Pressure	Thinning
Airless	021–0.027 Inch	40°–80°	approx. 150 bar	approx. 5 %

Drying (+20 °C, 65 % relative humidity)

Recoat and further system build-up after about 12 hours.
Allow longer drying times at a lower temperature and/or higher air humidity.

Storage

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

Declaration

Note Do not inhale the paint spray.

Product-Code BSW10
Comply with the specifications in the current Safety Data Sheet.

Substrate preparation

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. Treat replastered areas with a fluorine primer. Also see VOB Part C, DIN 18363, Paragraph 3.

Interior coats

Substrates ³⁾	Prime coat	Top coat
Normal or low-absorbent substrates, e.g. concrete, interior plaster (depending on the compressive strength ¹⁾), emulsion paint coats	Wall Primer ELF 3729	depending on the selection of the top coat in the system with emulsion and silicate paints
Gypsum plasterboard, gypsum wallboards ²⁾		

¹⁾ Minimum compressive strength > 2.0 N/mm² (Compressive strength category CS II, CS III, CS IV as well as B1 – B7)

²⁾ Prime soft and highly absorbent filler zones and substrates with Lacryl Deep Penetrating Primer ELF 595 as part of the substrate pre-treatment.

³⁾ Prime non-absorbent substrates and glossy coats with Adhesion Primer ELF 3720.

Wallpapering

Substrates	Prime coat	Wallpapering ¹⁾
Prepared substrates for wallpapering with e.g. translucent wallpapers	depending on the requirement of 1–2x Wall Primer ELF 3729	glued with Metylan Vinyl & Spezial 1546, Metylan TG Hohe Klebkraft Raufaser & Vlies 1544, Metylan NP Hohe Klebkraft Raufaser & Vlies 1543 or Metylan NP Hohe Klebkraft Universal Granulat 1555

¹⁾ Also with additional pastes recommended by wallpaper manufacturers for gluing. For gluing in critical areas, e.g. corner and double seam areas, add the Metylan Vinyl & Spezial 1546 or the Metylan TG Hohe Klebkraft Raufaser & Vlies 1544 and, if necessary, 10% CreaGlas Roll-on Adhesive ELF 378 to increase the adhesive strength. The property "strippable" may be influenced by this. The peelability may generally be lost. We recommend conducting adhesion tests with the relevant paste on a case-by-case basis.

Cover surfaces	Cover the surroundings of the surfaces that are to be coated carefully, especially glass, brick and natural stone.
When applying gypsum-based plastering fillers	Do not use Wall Primer ELF 3729 for the following plastering work with gypsum-based, hydraulic-setting filling materials, e.g. Fill and Surface plaster 143 or Joint and Wall plaster 1875. When using these plasters we recommend Multiprimer LF 3084 is used as an adhesion increasing primer.
Priming gypsum plaster	For gypsum plaster with high absorbency, we recommend checking the adhesion of the complete coating build-up with an adhesive tape test (e.g. Tesa Precision Masking Tape, gold 4334) to ensure a reliable assessment. Where necessary, use Lacryl Deep Penetrating Primer ELF 595 or Deep Penetrating Primer 545 (consider the solvent odor).
For higher demands on the surface finish or particular situations on site	For higher demands on the surface finish as well as for intensively colored top coats, in particular for smooth surfaces and/or surfaces with a grazing light effect, we recommend using Primer ELF 3720, Lacryl Deep Penetrating Primer ELF 595 or Lacryl Hydro-Gel ELF 695 depending on the characteristics of the substrate.
Wallpapering on gypsum plaster	When wallpapering on gypsum plaster, e.g. with wallpaper or wood-chip wallpaper, the general rule is to pre-paste beforehand, also see BFS Leaflet No. 16 from Feb 2002.
Discoloration on gypsum plasterboards	If there is a risk of discolorations penetrating through untreated gypsum plasterboard, an additional blocking coating must be applied. Depending on the situation at the specific site, use Aqualoma ELF 202, Isolating Primer 924 or CreaGlas 2C PU Finish 3471 for this. Sample coatings over the width of a number of boards including joints and filled points have been shown to be appropriate for precise evaluation.
Application on gypsum fillers	Gypsum filler recommended by gypsum plasterboard manufacturers may be particularly sensitive to humidity leading to swelling, formation of blisters and even chipping (also see data sheet entitled "Filling gypsum plasterboard" from Bundesverband der Gips- und Gipsbauplattenindustrie e.V. (Trade Association of the German Gypsum Plasterboard Industry)). It is therefore important to ensure adequate ventilation and appropriate temperatures for rapid drying.
Further information	Follow the instructions on the Data Sheets of the products used.

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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