Data Sheet

High Gloss Latex ELF 996

Low-emission, solvent- and plasticizer-free, glossy, wet abrasion resistance class 1, white, for interior use

Field of application

For glossy, very easy-to-clean interior ceiling and wall coatings. Also especially suited for surfaces subject to heavy strain from contact or soiling. E.g. on interior plaster, concrete, woodchip wallpaper, gypsum plasterboard, fiber cement, sand-lime brickwork.

Properties

- ELF = low emission, solvent- and plasticizer-free
- Free of fogging-active substances
- Water-vapor-permeable
- Good hiding power
- Long application time
- Cleanable
- Especially hard-wearing
- Very easy to apply

Material description

Standard color
0095 white.
Additional color shades available upon request.

Base material
Polyvinyl acetate copolymer

Density
Approx. 1.26 g/cm³

Classification in accordance with EN 13300
- Wet abrasion resistance: Class 1
- Contrast ratio: Class 2 at 7 m²/l
- Gloss: Glossy
- Maximum grain size: Fine

Reaction to fire
A2 – s1, d0 in accordance with DIN EN 13501-1 (”nichtbrennbar”, non-combustible)
With system build-up featuring Briplast filler material according to classification report no. 230010838-3.

Packaging
2.5 l, 10 l

Brillux ..more than paint

Use

Thinning If necessary, thin slightly with water.

Tinting With Full Color and Tinting Paint 951.
The gloss grade decreases depending on the quantity added.

Compatibility Only mixable with similar materials and those specified in this Data Sheet.

Application High Gloss Latex ELF 996 can be applied by means of brush, roller or airless spray.

Consumption Approx. 130 - 150 ml/m² per layer. Determine the 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.

Airless spray data

Nozzle opening Inch	mm	Spray angle	Pressure in bar	Dilution
0.021 - 0.027	0.53 - 0.69	40°-- 80°	Approx. 150	Approx. 5%

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

Surface dry and recoatable after approx. 4 - 6 hours. Completely dry and loadable after approx. 3 days.
Allow longer drying times at lower temperatures and/or higher air humidity.

Storage

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

Declaration

Notes Contains preservatives.
Do not inhale the paint spray.

Product code BSW20.
Comply with the specifications in the current Safety Data Sheet.

Coating build-up

Substrate preparation

The substrate must be 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. Completely remove any (coatings and) wall coverings that are not suitable for painting; that includes any paste or wall-glue residue Treat replastered areas with a fluorine primer, if the subsequent paint coat is to be tinted, prime the entire surface. Apply a prime and/or intermediate coat to the substrate as required. Also see VOB Part C, DIN 18363, Section 3.

First coats

Substrate	Prime coat	Intermediate coat	Top coat
Interior plaster (depending on the compressive strength [1]), concrete	If necessary, Lacryl Deep Penetrating Primer ELF 595, Deep Penetrating Primer 545 or Adhesion Primer ELF 3720, Wall Primer ELF 3729 or Coarse Wall Primer ELF 3728	High Gloss Latex ELF 996	High Gloss Latex ELF 996
Gypsum plaster [1], gypsum plasterboards [2], gypsum wallboards	Depending on the individual requirements With Lacryl Deep Penetrating Primer ELF 595, Lacryl Hydro-Gel ELF 695 or Wall Primer ELF 3729		
porous concrete, interior	Priming Concentrate ELF 938, thinned 1:3 with water		
wall coverings e.g. woodchip wallpaper, Rapid Nonwoven, embossed wallpaper			

[1] Minimum compressive strength > 2.0 N/mm² (compressive strength categories CS II, CS III, CS IV and 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.

Coating build-up

Renovation coats

Substrates	Prime coat	Intermediate coat	Top coat
Normally absorbent substrates, e.g. matt emulsion coatings	if necessary, Lacryl Deep Penetrating Primer ELF 595 or Adhesion Primer ELF 3720	depending on the situation on site and the requirements, High Gloss Latex ELF 996	High Gloss Latex ELF 996
Non- or low-absorbent substrates, e.g. oil and enamel paint coatings, glossy emulsion coatings	Adhesion Primer ELF 3720		
Intact, two-component coating, e.g. CreaGlas 2C PU Finish	2K-Aqua Epoxy Primer 2373		

Notes

Covering hairline cracks in gypsum plasterboard

A coating that covers hairline cracks on gypsum plasterboard, gypsum fiber board, etc. in accordance with VOB part C, DIN 18363, section 3.2.1.2 can be created, for example, by reinforcing the entire surface with CreaGlas Nonwoven VG 1000 and Rapid Nonwoven 1525.

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 proven to be appropriate for precise evaluation.

Smoothening rough surfaces

If required, level rough surfaces before building up the coat, e.g. using Briplast Mineral Hand Applying Light Filler ELF 1886.

Definition of latex paint

High Gloss Latex ELF 996 is free from natural latex. The term “latex paint” has no official definition and frequently refers to emulsion paints with especially hard-wearing surfaces. The quality features of an emulsion paint are determined in accordance with DIN EN 13300.

Priming gypsum plaster

The stabilization on highly absorbent gypsum plaster is not always sufficient. We recommend testing 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. If necessary, prime with deep penetrating primer.

Compatibility with sealing compounds

When coating sealants, such as acrylic sealing compounds, cracks may arise in the coating material due to the higher elasticity. Additionally, discoloring of the coating may occur. Due to the great variety of coating systems which are available on the market, we recommend test applications to assess adhesion properties and application results.

Repairs

Repairs to the surface become more or less strongly apparent depending on the situation on the site. According to BFS Leaflet No. 25, Item 4.2.2.1, Section e, this is unavoidable.

Notes

Applying thin layers on smooth substrates

When applying thin layers to create surfaces with minimal texture on smooth substrates (e.g. filled gypsum plasterboard), additional coats may be required to achieve sufficient covering power or other measures may be required in building up the coating. Please contact Brillux consulting service, 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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