Data Sheet

Latex Paint ELF 992

Low-emission, solvent and plasticizer-free, silk gloss, wet abrasion resistance class 1, disinfectant-resistant, for interior use

Schadstoffgeprüfte Baustoffe
- Prüfung auf gesundheitsrelevante Inhaltsstoffe und Emissionen
- Regelmäßige Produkt- und Prozessüberwachung
- Kontrolle der Einsatzstoffe

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emissionsarm • weichmacherfrei • lösemittelfrei klassifiziert nach EN 13300

Farbsystem Basecode

Field of application

For ceilings and walls inside buildings that are liable to wear and need to be cleaned, e.g. on Interior plaster, concrete, gypsum plasterboard, woodchip wallpaper. In addition can be used in the Brillux Creative Techniques.

Properties

- ELF = low emission, solvent and plasticizer-free
- Tested for harmful substances and production-monitored by TÜV SÜD
- Free of fogging-active substances
- Long application time
- Easy to clean
- Water-vapor-permeable
- Resistant to watery, non-alcohol-based disinfectant according to test report
- Tested as paint system to reduce PCB emissions from building structure surfaces, according to final report by TU Hamburg-Harburg
- Very easy to apply

Material description

Standard colors
0095 white, 0096 antique white.
A large number of other colors can be mixed with the Brillux Color System.

Base material
Polyvinyl acetate-copolymer

Density
Approx. 1.27 g/cm³

Classification according to EN 13300
- Wet abrasion resistance: Class 1
- Contrast ratio (white): Class 2 at 7 m²/l
- Contrast ratio (old white): Class 1 at 7 m²/l
- Gloss: silk-glossy
- Max. grain size: fine

Material description

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

Packaging
0095 white: 2.5 l, 5 l, 10 l, 15 l
0096 old white: 15 l
Color System: 2.5 l, 5 l, 10 l, 15 l

Use

Thinning
Dilute with water, if necessary, especially for applications with minimal texture on smooth substrates, such as nonwovens.

Tinting
With Full and Tinting Paint 951.
The degree of gloss is reduced as more is added.

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

Application
Latex Paint ELF 992 can be applied by brush, roller and airless spray.

Consumption
Approx. 130–150 ml/m² per layer. 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	Spraying angle	Pressure	Thinning
Airless	0.021 to 0.027 Inch	40° to 80°	150 bar	approx. 5 %

Drying (+20°C, 65% rel. humid.)

The surface is dry and recoatable about 4-6 hours.
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

Note
Contains preservatives.
Do not inhale the spray mist.

Product-Code
BSW20
The data in the current Safety Data Sheet applies.

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 non-bearing and unsuitable coats and dispose of them as per 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 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 coat

Substrates	Priming 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 Wall Primer Coarse ELF 3728	Latex Paint ELF 992	Latex Paint ELF 992
Gypsum plaster [1], gypsum plasterboard [2], gypsum wallboard	depending on the individual requirements Lacryl Deep Penetrating Primer ELF 595, Lacryl Hydro-Gel ELF 695 or Wall Primer ELF 3729		
aerated 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 coat

Substrates	Prime coat	Intermediate coat	Top coat
normal absorbent substrates, e.g. matt emulsion paint	if necessary, Lacryl Deep Penetrating Primer ELF 595 or Adhesion Primer ELF 3720, Wall Primer ELF 3729 or Wall Primer Coarse ELF 3728	Depending on requirements Latex Paint ELF 992	Latex Paint ELF 992
non- or not very absorbent substrates e. g. oil and varnish coats, glossy emulsion paint coats	Adhesion Primer ELF 3720		
intact, two-component coating, e.g. CreaGlas 2C PU Finish	2K-Aqua Epoxy Primer 2373		

Coating build-up for reduction of PCB emissions from building structure surfaces

Substrates	Prime coat [1)]	Intermediate coat	Top coat
Building structure surfaces with secondary loads	2K-Aqua Epoxy Primer 2373	Latex Paint ELF 992, unthinned Consumption: min. 150 ml/m²	Latex Paint ELF 992, unthinned Consumption: min. 150 ml/m²

[1)] Does not form part of tested coating build-up.
As a result of the combination with CreaGlas Fabric, the PCB emission is reduced even further (see PCB Directive Section 4.2.2.3). For more information, refer to final report of TU Hamburg-Harburg.

Notes

Hairline crack filling coating on gypsum plasterboard

Covers hairline cracks in coatings including gypsum plasterboard, gypsum fiber board or similar materials, according to VOB Part C, DIN 18363, Section 3.2.1.2, after having been fully reinforced, for instance using nonwoven wall coatings on the basis of cellulose or fiber glass.

Discolorations of 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 object situation. For an accurate assessment, sample coatings of various panel widths, including the joints and filled areas, have proven to be useful.

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.

To latex paint definition

Latex Paint ELF 992 is free from natural latex. The term "Latex Paint" is not defined clearly and often refers to synthetic dispersion paints with a particularly hard-wearing surface. The quality characteristics of a synthetic dispersion paint are determined according to 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.

Notes

Implementation in brilliant and intense color shades

Brilliant, pure intense color shades, e.g. in the yellow, orange, red, magenta and yellow green spectrum have a lower hiding power as a result of the pigment. For critical color shades, we recommend applying a full-covering base coat in these areas in the corresponding base color shade (Basecode). In addition to the standard coating buildup, additional coats may be required.

Compatibility with sealing compounds

When coating sealants, such as acrylic sealing compounds, cracks may arise in the coating material due to the sealants' higher elasticity. Moreover, discoloration of the coating may occur. Due to the wide variety of sealant systems available on the market, individual testing is required in each case to evaluate the adhesion and the application result for a specific product.

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.

Use of disinfectants

In addition to the disinfectants listed in the test report, other materials may also be assessed for suitability. For more information, contact the Brillux Consulting Service.

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.

Use in shipbuilding

For use in shipbuilding, the specifications of the EC-type examination certificate (module B) are to be taken into account. Furthermore, a copy of the declaration of conformity (DoC) must be provided for the ship's documentation. Module B as well as the DoC for the current production year can be accessed online in the "Shipbuilding declaration of conformity" file.

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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