



Glemalux ELF 1000

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**solvent and plasticizer free, dull matt
white or colored, highly covering
wet abrasion resistance class 1, for interior use**

Properties

Solvent and plasticizer free, high quality dispersion paint for interior use. Very easy to apply, with excellent covering properties and long workable surface. Neutral smelling, good adhesion and low surface tension. In addition very diffusible and therefore meets the same requirements as an interior silicate paint according to the DIN EN ISO 7783-2 Class I. Tested as per Test Certificate No. P-BWU03-I-16.5.144 in system build-up with Relief 3490 and Rapidvlies 1525, hardly inflammable B1, according to DIN 4102.

Field of application

For high quality ceiling and wall paint for interior use, e.g. on plaster (mortar group PII, PIII and PIVa, b, c), concrete, wood-chip paper, plasterboard, fiber cement and sand-lime brickwork. This material is especially suitable for renovating coatings, due to the excellent covering properties generally only one coat is necessary. Further more the long workable surface enables a uniform surface with no overlapping so it is very suitable for large areas.

Material description

Standard colors:

0095 white

A large number of other colors can be obtained from the Brillux color system (paint mixing equipment).

Material basis:

Acrylate-copolymer

Density: Approx. 1.5 g/cm³

Color system (paint mixing equipment): 10 l, 15 l

Classification as per

DIN EN 13 300:

- Wet abrasion resistance Class 1 (scrutable DIN 53 778)

- Contrast ratio:

Class 1 at 8 m²/l

(white and antique white)

- Gloss: dull matt

- Maximum grain size: fine

Packaging:

0095 white: 5 l, 15 l

Color system: 2.5 l, 15 l

Use

Thinning

If necessary, slightly with water.

Tinting

With Full and Tinting Paint 951.

Compatibility

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

Application

Glemalux ELF 1000 can be applied by brush, roller and airless spraying. Obtain perfect results at high efficiency by low-overspray airless spraying. For more information, refer to information leaflet 2ns1.

Consumption

Approx. 120–140 ml/m² per coat. Exact consumption can be determined by a test application on the object to be painted.

Application temperature

Do not apply if air or object temperature is under +5°C.

Tool cleaning

Clean tools immediately after use with water.

Drying

(+20°C, 65% rel. humid.)

Surface dry and recoatable after about 4–6 hours.

Allow longer drying times at a lower temperature and/or higher air humidity.

Storage

Cool and free from frost. Reseal containers tightly.

Declaration
Note

Do not inhale paint spray.

Water danger class

WGK 1, as specified in VwVwS

Product-Code

M-DF01

The data in the current Safety Data Sheet applies

Airless-spray data

Nozzle hole		Spray angle	Pressure bar	Thinning
Inch	mm			
0.021 – 0.027	0.53 – 0.69	40° - 80°	approx. 150	approx. 5 – 10%

Airless spray data for low-overspray interior coatings, e.g. with Wagner SuperFinish 31

Nozzle opening		Jet angle	Pressure (bar)		Thinning
Inch	mm		Banking-up pressure	Spray pressure	
0.025	0.64	40°	approx. 135	approx. 100	undiluted, up to 5 % if necessary

For more information and order information about accessories, refer to information leaflet "Low-Overspray Airless Spraying 2ns1".

Building up the coating
Surface preparation

The surface must be solid, dry, clean, load bearing and free from efflorescence, sintered layers, separating agents, corrosion promotion components or other compounds affecting intermediate layers. Check existing coatings for their suitability, load

carrying and adhesive properties. Completely remove any coatings that are not intact or unsuitable and dispose of these in accordance to the regulations. Thoroughly wash off limepaint. Wash down intact coats of oil paints and varnishes with an alkaline solution, sand down well and clean. Remove any wall

coverings that are not suitable for painting, that includes any paste or glue residue. Treat replastered areas with a fluorine primer. If the following paint is tinted then prime the whole surface. If necessary prime the surface and / or put on an intermediate coat. Also see VOB Part C, DIN 18 363, Paragraph 3.

First coat

Surface	Priming coat	Intermediate coat	Top coat
cement lime plaster, interior (MG PII, PIII), concrete	if necessary, Lacryl Deep Penetrating Primer ELF 595, Deep Penetrating Primer 545 or Adhesion Primer LF 3720	Glemalux ELF 1000	Glemalux ELF 1000
plaster (mortar group PIVa, b, c), Gypsum plasterboard ¹⁾ , Gypsum wallboards	depending on requirements Lacryl Deep Penetrating Primer ELF 595, Deep Penetrating Primer 545 or Adhesion Primer LF 3720		
absorbent concrete, interior	Priming Concentrate ELF 938, thinned 1:3 with water		
wall coverings e.g. woodchip paper, Rapidvlies, embossed wallpaper			

¹⁾ If hair-crack filling coats on gypsum plaster boards are required, the surface is to be reinforced completely using Rapidvlies 1525, for example. Also refer to VOB Part C, DIN 18363, Section 3.2.1.2.

Retouch painting

Surface	Priming coat	Intermediate coat	Top coat
normal absorbent surface, e.g. matt dispersion paint	if necessary, Lacryl Deep Penetrating Primer ELF 595	Depending on requirements Glemalux ELF 1000	Glemalux ELF 1000
non- or not very absorbent surfaces e. g. oil and varnish coatings, glossy dispersion paint coatings	Adhesion Primer LF 3720		
intact, two-component coating, e.g. CreaGlas 2C Acrylic Paint	2C Aqua Epoxy Primer 873		

Notes

Discoloring in the case of gypsum plasterboard

If there is the risk of yellowing shining through (in the case of untreated gypsum plaster boards), apply an additional coat according to BFS leaflet no. 12, Part 2. Depending on the object situation, use Aqualoma ELF 202, Isolating Primer 924 or CreaGlas 2C Acrylic Paint 3471, for example. In order to make an exact assessment, a painting sample should be applied to several boards including the plastered joints.

Smoothing rough surfaces

If required, level rough surfaces before building up the coat, e.g. using Hand Applying Filler LF 1884.

Design with brilliant or intensive colors

In the case of brilliant colors, particular measures may be required, e.g. additional intermediate coats. If intensive colors are used for highly exposed areas, e.g. halls, staircases, etc., we recommend using Latex Paint ELF 992, Lacryl-PU Silk Matt Paint 270 or Lacryl-PU Gloss Paint 275.

Higher cleanability of surface

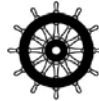
To obtain a surface with better cleaning features (e.g. removal of local stains with a moist sponge), we recommend using interior dispersion paint coats with class 1 wet abrasion resistance and medium gloss or glossy surface.

Compatibility with sealant

When paintable sealants, e.g. acrylic sealants are coated, cracks may form in the coating material due to the higher elasticity of the acrylic sealant. 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.

Use in shipbuilding

Note EC type-examination certificate and U.S. Coast Guard Number.



Further specifications

Note the additional information in the Data Sheets of the products that are to be applied.

Additional products

- Full and Tinting Paint 951
- Lacryl Deep Penetrating Primer ELF 595
- Deep Penetrating Primer 545
- Adhesion Primer LF 3720
- Priming Concentrate ELF 938

Remark

This Data Sheet was prepared taking into account the German laws, Standards, specifications and Codes of practice. All details were translated on the basis of the current German version. The contents do not form part of a legal contract. The user/purchaser is not released from the responsibility of checking that our products are suitable for the proposed use. In addition our general business conditions apply.

When a new version of this Data Sheet appears with updated information the previous version loses its validity. Version I

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