

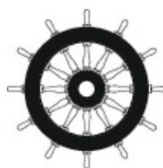
Glemalux 1000



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



Color System



Field of application

For high quality ceiling and wall paint for interior use, e.g. on interior plaster, concrete, woodchip 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.

Properties

- Low-emission, solvent- and plasticizer-free
- Corresponds to requirements set out by "Ausschuss zur gesundheitlichen Bewertung von Bauprodukten" (AgBB, German Committee for Health-Related Evaluation of Building Products)
- Water-vapor-permeable
- As with interior silicate paints, corresponds to class I in accordance with DIN EN ISO 7783 in terms of diffusion behavior
- Free of fogging-active substances
- Excellent hiding power
- Long open time
- Excellent surface results
- "Schwerentflammbar B1" (flame-retardant) in system build-up with CreaGlas Fabric / Nonwoven, Relief 3490 and nonwoven wall coverings in accordance with the test certificate
- Very easy to apply

Material description

Colors 0095 white.
A number of additional color shades can be mixed with the Brillux Color System.

Base material Acrylate-copolymer

Density Approx. 1.5 g/cm³

Classification according to EN 13300 Wet abrasion resistance: R-Class 1
Contrast ratio: H10-Class 1 (at 8 m²/l)
Gloss: G4 dull matt
Maximum grain size: S1 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 B1 – in accordance with DIN 4102 (“schwerentflammbar”, flame-retardant) In system build-up with CreaGlas fabric / nonwoven, Relief 3490 and nonwoven wall coverings in accordance with the test certificate
Packaging	0095 white: 5 l, 10 l, 15 l Color system: 2.5 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.
Compatibility	Only mixable with similar materials and those specified in this Data Sheet.
Application	Glemalux 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/m ² 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 %

Spray data for low-overspray interior coatings

Method	Nozzle	Spraying angle	Pressure		Thinning
			Banking-up pressure	Spray pressure	
Low-Overspray Airless Spraying	0.025 Inch	40°	approx. 135 bar	approx. 100 bar	undiluted, up to 5 % if necessary

¹⁾ E.g. with Wagner SuperFinish 31. For more information and order information about accessories, refer to information leaflet "Low-Overspray Airless Spraying 2ns1".

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

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.
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 non-bearing and unsuitable coats and dispose of them as per the applicable regulations. Thoroughly rinse off reversible, water-sensitive coats (e.g. distemper). 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	Prime coat	Intermediate coat	Top coat
Interior plaster (depending on the compressive strength ¹⁾), concrete	If necessary, Lacryl Deep Penetrating Primer 595, Deep Penetrating Primer 545 or Adhesion Primer 3720, Wall Primer 3729 or Coarse Wall Primer 3728		
Gypsum plaster ¹⁾ , gypsum plasterboard ²⁾ , gypsum wallboards	Depending on the individual requirements With Lacryl Deep Penetrating Primer 595, Lacryl Hydro-Gel 695 or Wall Primer 3729	Glemalux 1000	Glemalux 1000
porous concrete, interior	Priming Concentrate 938, thinned 1:3 with water		
Wall coverings, e.g. woodchip wallpaper, CreaGlas Fabric / Nonwoven, Rapid Nonwoven, nonwoven wall coverings, 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 595 as part of the substrate pre-treatment.

Renovation coat

Substrates	Prime coat	Intermediate coat	Top coat
normal absorbent surfaces, e.g. matt emulsion paint coats	If necessary, Lacryl Deep Penetrating Primer 595 or Adhesion Primer 3720, Wall Primer 3729 or Coarse Wall Primer 3728	Depending on requirements Glemalux 1000	Glemalux 1000
non or not very absorbent surfaces, e. g. oil and varnish coatings, glossy emulsion paint coatings	Adhesion Primer 3720		
intact, two-component coating, e.g. CreaGlas 2K-PU Finish	2K-Aqua EP Primer 2373		

Notes

Hairline-crack-bridging coating on plasterboard

A hairline-crack-bridging coating, e.g., on plasterboard, gypsum fiber boards, etc. in accordance with VOB part C, DIN 18363, section 3.2.1.2, can be achieved by means of full-surface reinforcement with nonwoven wall coverings based on cellulose and fiberglass.

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 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.

Smoothing rough surfaces

Smooth rough surfaces before the coating build-up by filling them with, e.g., Briplast Silafill 1886, as required.

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.

Reducing the surface sensitivity of intense color shades

To increase the surface durability and decrease the writing effect on matt coats of intensive color shades, we recommend applying an intermediate and topcoat with Vetrolux 3100. More information about properties and application can be found in the Data Sheet Vetrolux 3100.

Increased surface cleaning properties

To achieve a surface with higher cleanability (e.g. frequent, partial dirt removal with a damp cloth), we recommend using interior emulsion paints with wet abrasion resistance R-class 1 and a medium gloss or glossy surface.

Notes

Compatibility with sealing compounds	When coating sealing compounds, e.g., acrylic sealing materials, due to higher elasticity, cracks, can occur in the coating material. This may also cause discoloration in the coating. Due to the wide variety of sealing systems on the market, it is vital to perform tests for each individual case to assess the adhesion and application result.
Touch-ups	Touch-ups to part of a surface are always visible. The degree to which they stand out depends on the situation on site. According to BFS Leaflet no. 25, Section 4.2.2.1, Paragraph e, this is unavoidable.
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.
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.
Projection surfaces	Due to the very white and matt surfaces, also well suited as a coating on projection surfaces (without determination of the gain factor).
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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