

Superlux 3000



Low-emission, solvent- and plasticizer-free, dull matt, wet abrasion resistance R-class 2, white, antique white or colored, for interior use



Color System

Basecode

Field of application

For high-quality, lap-mark-free interior ceiling and wall coatings on substrates, e.g. interior plaster, concrete, gypsum plasterboard, fiber cement, sand-lime brickwork, Relief 3490, Rapid Nonwoven 1525, CreaGlas Fabric, woodchip wallpaper. Because of the long surface workability, especially suitable for larger and inter-connecting surfaces with incidence of grazing light.

Properties

- Low-emission, solvent- and plasticizer-free
- Tested according to requirements of AgBB evaluation schemes
- Highly water-vapor-permeable
- Corresponds to Class 1, in accordance with DIN EN ISO 7783, as with interior silicate paint
- Free of fogging-active substances
- Good hiding power
- Long application time
- Excellent surface appearance
- For surfaces with critical light conditions, such as grazing light
- Nichtbrennbar A2 (non-combustible) in system build-up with CreaGlas Fabric / Nonwoven in accordance with the test certificate
- 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 and 0096 antique white
A number of additional color shades can be mixed with the Brillux Color System.

Base material Polyvinylacetat-Copolymer

Density Approx. 1,43 g/cm³

Material description

Classification according to EN 13300

Wet abrasion resistance: R-Class 2
 Contrast ratio: H10-Class 1 (at 7 m²/l, white)
 Contrast ratio: H10-Class 1 (at 8 m²/l, white)
 Gloss: G4 dull matt
 Maximum grain size: S1 fine

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
 A2 – in accordance with DIN 4102 (“nichtbrennbar” non-combustible) in system build-up with CreaGlas Fabric / Nonwoven in accordance with the test certificate
 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: 2.5 l, 10 l, 15 l
 0096 antique 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.

Compatibility

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

Application

Superlux 3000 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. 130 to 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°	approx. 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 % relative humidity)

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

Notes 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. 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

Substrate	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 plasterboards ²⁾ , gypsum wallboards	Depending on the individual requirements with Lacryl Deep Penetrating Primer 595, Lacryl Hydro-Gel 695 or Wall Primer 3729	Superlux 3000	Superlux 3000
porous concrete, interior	Priming Concentrate 938, thinned 1:3 with water		
Wall coverings, e.g. wood- chip wallpaper, CreaGlas Fabric / Nonwoven, rapid nonwoven, nonwoven wall coverings, embossed wall- paper			

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

Substrate	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 the situation on site and the individual requirements Superlux 3000	Superlux 3000
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

Hairline-crack-bridging coating on, e.g., gypsum plasterboard, gypsum fiber boards or similar substrates, in accordance with VOB Part C, DIN 18363, para. 3.2.1.2, can be achieved with full-surface reinforcement with, e.g., 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 bleeding through the untreated gypsum plasterboard. Depending on the situation on site, use Aqualoma 202, Isolating Primer 924 or CreaGlas 2K-PU-Finish 3471. For an accurate assessment, sample coatings of various panel widths, including the joints and filled areas, have proved to be useful.

Filling rough surfaces

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

Priming gypsum plaster

For gypsum-based plasters with strong absorbency, sufficient stabilization is not always achieved. 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. Where appropriate, implement priming with Deep Penetrating Primer.

Brilliant and intense color shades

Brilliant, pure intense color shades, e.g. in the yellow, orange, red, magenta and yellow-green range, have a low hiding power due to the nature of their pigments. When using critical color shades in these color ranges, we recommend applying a full-covering prime coat in the corresponding base color (Basecode). In addition to the standard coating buildup, additional coats may be required.

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.

Notes

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 class 1 and a medium gloss or glossy surface.
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.
Thin layers on smooth substrates	For thin-layer application to create low-texture surfaces on smooth substrates (e.g. filled gypsum plasterboard), additional coats may be required in order to achieve sufficient coverage or other measures may be required in the coating build-up. If necessary, contact the Brillux Consulting Service.
Further specifications	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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