Data Sheet

Vitalux 9000

preservative-free, dull matt interior emulsion paint, wet abrasion resistance class 2, low-emission, solvent- and plasticizer-free

OHNE Konservierungsmittel Weichmacher Lösemittel

emissionsarm • klassifiziert nach EN 13300 • weichmacherfrei • lösemittelfrei

Field of application

For particularly white, highly covering, interior wall and ceiling coverings free from preservatives on products including woodchip wallpaper, nonwoven wall coatings, interior plaster, concrete, gypsum plasterboard, intact emulsion color coating and aerated concrete. Specially designed for sensitive areas, such as children's play or bedrooms, nursery schools, schools, etc.

Properties

- Free from preservatives
- Low-emission, solvent and plasticizer-free
- Highly diffusible, corresponds to class I in accordance with DIN EN ISO 7783
- Free of fogging-active substances
- Very good surface finish
- Easy to use
- Suitable for allergy sufferers
- Good hiding power

Material description

Standard color shade
0095 White
Additional color shades without preservatives are available as factory-made tinting.

Base material
Polymer emulsion, titanium dioxide, calcium carbonate, silicates, polymer filler material, water and additives

VOC
EU limit value for this product (Cat. A/a): 30 g/l (2010).
This product contains max. 1 g/l VOC.

Water vapor permeability
Diffusion equivalent air layer thickness: Sd (H2O) < 0.1 m, corresponds to class I "highly water-vapor-permeable" in accordance with DIN EN ISO 7783

Density
approx. 1.35-1.45 g/cm³

Material description

Classification in accordance with EN 13300
- Wet-abrasion resistance: class 2
- Contrast ratio (white): class 1 at 8 m²/l
- Gloss: dull matt
- Maximum grain size: 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 in accordance with classification report no. 230010838-3

Packaging
5 l, 15 l

Use

Thinning
As required, in particular for low-texture implementation on smooth substrates, e.g., nonwovens, thin slightly with water.

Tinting
Preservative-free tinting possible with Vitamix 9018.

Compatibility
Can only be mixed with materials of the same type and those specified in this Data Sheet.

Application
Vitalux 9000 can be applied using a brush, roller and Airless spray application.

Consumption
Approx. 120-140 ml/m² for each coat.
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.

Spray data

Spray system	Nozzle	Spray angle	Pressure	Thinning
Airless	0.021–0.027 Inch	40°–80°	150 bar	Approx. 5%

Drying (+20°C, 65% relative humidity)

Surface dry and recoatable after approx. 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
Do not inhale the spray mist.

Product-Code
BSW10.
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 efflorescences, 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 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 color coated, treat the entire surface. Prime and/or apply the intermediate coat to the substrate, as required. Also refer to VOB Part C, DIN 18363, Section 3.

First coats, free from preservatives

Substrates	Prime coat	Intermediate coat	Top coat
Interior plaster [1], concrete	If necessary, Vitabase 9002 Wall Primer ELF 3729 or Wall Primer, coarse ELF 3728	Vitalux 9000	Vitalux 9000
Gypsum plaster [1], gypsum plasterboard [2], gypsum plasterboard panels	Depending on the individual requirements Vitabase 9002, Wall Primer ELF 3729 or Wall Primer, coarse ELF 3728		
Aerated concrete, interior	Vitabase 9002		
Wall coverings, e.g. woodchip wallpaper, Rapid Non Woven, embossed wallpaper			

[1] Minimum compressive strength > 2.0 N/mm² (Compressive strength category CS II, CS III, CS IV as well as B1–B7).

[2] Prime soft and very absorbent filler zones and substrates with Vitabase 9002 as part of substrate preparation.

Coating build-up

Renovation coatings, free from preservatives

Substrates	Prime coat [1)]	Intermediate coat	Top coat
Normally absorbent substrates, e.g. matt emulsion paint coats	If necessary, Vitabase 9002, Wall Primer ELF 3729 or Wall Primer, coarse ELF 3728	Vitalux 9000 depending on the object and the requirements	Vitalux 9000
Non-absorbent or slightly absorbent substrates, e.g. oil and enamel paint coats, gloss emulsion paint coats	Adhesion Primer ELF 3720		
Intact, two-component coating, e.g. CreaGlas 2C PU Finish 3471	2K-Aqua Epoxy Primer 2373		

[1)] When priming with Vitabase 9002, Wall Primer ELF 3729 or Wall Primer, coarse ELF 3728 the complete coating build-up remains free from preservatives.

Notes

Coating build-up free from preservatives

Exclusively use Vitabase 9002, Wall Primer ELF 3729 or Wall Primer, coarse ELF 3728 to guarantee the coating build-up is free from preservatives. Only the intermediate and top coat with Vitalux 9000 is free from preservatives if other prime coats are necessary.

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 on 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 situation on site. 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. Vitafill 9001, as required.

For use with an incidence of grazing light

We recommend using Vitasense 9005 – free from preservatives – for surfaces with an incidence of grazing light.

Increased surface cleaning properties, free from preservatives

For creating surfaces that are easy to clean (e.g. several, individual cleaning processes with a damp sponge) we recommend using products, such as Vitashine 9006 – free from preservatives – meeting wet abrasion resistance class 1 and moderate gloss.

Notes

Compatibility with sealant

When coating sealants, e.g. acrylic sealing compounds, cracks may arise in the coating material due to the sealant's higher elasticity. Moreover, discoloration may also occur in the coating. Due to the wide range of sealing systems available on the market, individual testing is required in each case to assess the adhesion and the 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, Section 4.2.2.1, Paragraph e) this is unavoidable.

Thin-layer implementation on smooth substrates

For thin-layer implementation to create low-texture surfaces on smooth substrates (e.g. filled plasterboard), additional coats may be required to achieve adequate hiding power or other measures incorporated in the coating build-up. If necessary, contact the Brillux Consulting Service.

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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