

Vitamix 9018

preservative-free, matt, weather-resistant, lightfast,
for tinting preservative-free interior paints and silicate paints, for
interior and exterior use



Field of application

For tinting preservative-free interior paints and silicate paints. Vitamix 9018 can also be applied directly as full color, e.g. for contrasting work. Can be used on all load-bearing, mineral substrates, e.g. render (compressive strength category CSI, CSII and CSIII), sand-lime brickwork, silicate and mineral paint coatings. In particular for sensitive areas such as children's rooms or bedrooms, as well as kindergartens, schools etc.

Properties

- Preservative-free
- Suitable for allergy sufferers
- Low-emission solvent- and plasticizer-free
- Good hiding power
- With high coloring power
- With good adhesion
- Easy to apply
- Free of fogging-active substances
- Moreover, the mineral character of the coating surface also highlights the architecture favorably

Material description

Standard colors	1 lemon 2 cherry 3 kiwi 4 blueberry 5 orange 6 pumpkin 7 black olive
Base material	styrene-acrylate copolymer dispersion, inorganic color pigments, silicates, potassium water glass, calcium carbonate, water and additives
Density	approx. 1.4-1.5 g/cm ³
Degree of gloss	matt

Material description

Water vapor permeability	$S_d (H_2O) < 0.03 \text{ m}$, corresponds to class I "highly water-vapor-permeable" in accordance with DIN EN ISO 7783
Water absorption coefficient	$w\text{-rate} > 0.5 \text{ kg}/(\text{m}^2 \cdot \text{h}^{0.5})$, corresponds to class I "highly water-permeable" in accordance with DIN EN 1062-3.
Classification based on EN 13300	Wet-abrasion resistance: class 2
Packaging	500 ml

Use

Thinning	Do not thin.
Tinting	Can be mixed with all materials listed as suitable in this Data Sheet. Due to the characteristic properties of the material, the added quantity for silicate paints should be limited to max. 25 % Vitamix 9018. To avoid changing the typical material properties with Silicate-Brush-On Filler 3639 and Silicate Climate Plaster ELF 1808, add max. 10 % Vitamix 9018.
Compatibility	Can only be mixed with materials of the same type and those specified in this Data Sheet. Specially for tinting preservative-free Vita interior paints, as well as silicate interior paints and silicate facade paints.
Application	Vitamix 9018 can be applied using brush and roller application methods. After addition to silicate paints, they should only be applied with a brush or roller.
Consumption	Approx. 120-140 ml/m ² per layer. 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 +8°C. Do not apply in direct sunlight, strong wind, or extremely high humidity.
Tool cleaning	Clean tools immediately after use with water.

Drying (+20°C, 65% relative humidity)

Can be recoated and system build-up applied after at least 12 hours. Complete silicification only after several days. 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	
Water pollution classification	BSW10.
Product-Code	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.
Notes	
Mask surfaces	Mask the surroundings of the surfaces to be coated carefully, especially glass, brick and natural stone.
On renders in ETICS	Colored coatings on mineral render in the ETIC System using Vitamix 9018 should be implemented with a light reflective value of ≥ 20 .
Surface irregularities after drying	Due to the chemical curing process, color shade and surface irregularities are typical depending on the weathering. They are no technical defects and are therefore not a basis for complaints.
Coating protection	Fresh silicate coatings must be protected from moisture penetration, e.g., rain, but also from excessively rapid dehydration, e.g., from strong winds, direct sunlight, etc. Do not apply to heated-up substrates. If necessary, use protective tarpaulins.
Further information	Follow the instructions on the data sheets of the products used.
Remark	

This Data Sheet has been prepared taking into account the current applicable German laws, standards, specifications and codes of practice. All details have been translated from the current German version. The contents do not form a legal contract. The user and/or the purchaser is not released from the responsibility of checking that our products are suitable for the proposed use. In addition our Terms of Conditions and Payment apply.

When a new version of this Data Sheet appears with updated information the previous version no longer applies. The current version is available on our website.

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