

Interior paints

# BioMineral W 440

**Preservative-free interior silicate paint according to DIN 18363 Section 2.4.1 for all common wall and ceiling surfaces. NAK 2; DK 2**

<b>Material Properties</b>	Wet abrasion class 2, opacity class 2, preservative-free, solvent- and plasticiser-free, mould-inhibiting, breathable. Object quality for walls and ceilings.
<b>Substrate</b>	<p><b>First coat</b> Remove dirt and clean surfaces. Remove any sintered skin.</p> <p><b>Renovation coat</b> Thoroughly clean surfaces wet or dry. Remove loose paint parts, as well as unsound old coats and coatings and clean (mechanically or with a suitable paint stripper).</p> <p><b>Plasters of mortar groups PG II + III</b> Coat solid, normally absorbent substrates without pre-treatment. Prime coarsely porous, sanding and highly absorbent plasters with Tiefgrund LF.</p> <p><b>Gypsum and ready-mixed plasters of mortar groups PG IV + V</b> Sand and remove dust from any existing sintered layers. Prime with Tiefgrund LF.</p> <p><b>Gypsum boards/gypsum planks</b> Prime absorbent substrates with Tiefgrund LF.</p> <p><b>Gypsum boards (plasterboard)</b> Prime coat with Tiefgrund LF.</p> <p><b>Concrete</b> Remove dirt and prime with Tiefgrund LF.</p> <p><b>Porous concrete</b> Prime with Tiefgrund LF and smooth rough surfaces before the coating build-up by filling them.</p> <p><b>Exposed brickwork</b> Clean and remove dust, then prime with Tiefgrund LF.</p> <p><b>Wood, hardboard, chipboard and plywood panels</b> Prime with Tiefgrund LF.</p> <p><b>Load-bearing coatings</b> Recoat matt, slightly absorbent coatings directly. Roughen glossy surfaces and lacquer coatings. Completely remove non-bearing coatings and prime the substrate with Tiefgrund LF.</p> <p><b>Old lime and mineral colour coatings</b> Wash off thoroughly and prime with Tiefgrund LF.</p> <p><b>Distemper coatings</b> Wash off thoroughly.</p> <p><b>Wallpaper (surfaces with water, nicotine or soot stains)</b> Wash off and prime with insulating primer.</p>
<b>Consumption</b>	ca. 0,2 l/m <sup>2</sup> per coat

# BioMineral W 440

## Technical Data

- **Composition** // Full declaration in accordance with the "natureplus" award guideline. Silicate and calcite fillers, potassium water glass, water, titanium dioxide, styrene acrylate resin, thickeners, stabilisers, wetting agents, defoamers.
- **Density** // ca. 1,56 g/cm<sup>3</sup>
- **pH-value** // ca. 10,5
- **Wet abrasion** // class 2 (R2) according to DIN EN 13300
- **Contrast ratio** // class 2 according to DIN EN 13300
- **Gloss level** // dull matt (G4) according to DIN EN 13300
- **Organic content** // < 5 %

## Application

Material is ready for use after brief stirring. When applying two coats, the first coat can be diluted with 3 % clean water, depending on the absorption behaviour of the substrate. Apply with a roller, brush or spray gun. Apply evenly and smoothly.

Clean tools with water after use. Carefully cover neighbouring surfaces, especially glass, plastics, natural stone, metals, etc. Wash off splashes immediately with plenty of water.

Only process material with the same batch number or the same production date on contiguous surfaces. Mix materials with different numbers together before processing.

Do not apply at air and structure temperatures below +5°C. Can be recoated after approx. 8 hours (+20°C, 65 % RH).

### Caution: corrosive!

Protect glass panes, tiles, clinker, marble and plants from splashes! Thoroughly clean surfaces contaminated with paint splashes with water immediately! Keep out of the reach of children. In case of contact with eyes and skin, rinse immediately with water. Do not inhale spray mist when spraying!

### Do not allow to enter watercourses and drains.



## Packaging

- 2,5 l/pail
- 5 l/pail
- 10 l/pail
- 12,5 l/pail
- 15 l/pail
- 80 pails/pallet
- 64 pails/pallet
- 40 pails/pallet
- 32 pails/pallet
- 24 pails/pallet

## Storage

Store the pail tightly closed in a cool and frost-free place.

## Please note

Protect eyes and skin.  
Giscode BSW 40 EU

Interior paints

# BioMineral W 440

---

**Advisory service**

The information in this data sheet only represents general guidelines. If you have any technical questions regarding a specific application, please contact our sales office.

---

**Gloss level**

dull matt

---

**Colours**

white or tinted

---

All information in this publication is based on experience, tests and trials. A guarantee for the general validity of individual data and statements is excluded with regard to different processing and construction site conditions. The generally recognised and technical rules of construction technology as well as the applicable standards and guidelines must be observed. The publication of this publication renders previous editions invalid. We reserve the right to make changes in the context of further product and application technology developments. Please refer to our Internet pages for the latest information. Our current terms and conditions of sale and delivery apply to all business transactions.

---

Safety data sheet available on request.

**huma farben GmbH**  
Ziegelfeldstraße 66  
D-73563 Mögglingen  
T +49 7174 898990

F +49 7174 8989918  
[www.huma-farben.de](http://www.huma-farben.de)  
[info@huma-farben.de](mailto:info@huma-farben.de)