

PUFAS Mineral Crystal White silicate interior

Use:

For high-opacity coatings to mineral substrates indoors. Suitable for gypsum plaster, cement render and lime render, concrete, masonry, gypsum plasterboard and other drylining board and existing firmly adhering mineral or silicate paint finishes. Scrub-resistant paint excels by its excellent covering power and high water vapour permeability. It is free from preservatives and exhibits natural properties to protect against mould infection.

Properties:

- silicate interior paint to DIN 18363
- for mineral substrates
- highly water vapour-permeable (sd [m] < 0.011)
- moisture-regulating
- preservative-, solvent- and plasticizer-free
- suitable for airless spray application

Quality to DIN EN 13300:

- Contrast ratio: class 1 with a coverage of 6.5 m²/ltr
- wet-scrub resistance: Class 2
- gloss level: dead matt
- Max. particle size: fine

Technical data:

Raw material base: Potassium water glass, mineral fillers, titanium dioxide, polymer dispersion, water, additives

Colour: White

GISCODE (German hazardous substances classification) for coating materials: BSW40

Substrate preparation:

Substrate shall be dry, clean, solid, strong and free from adhesion-impairing substances and soiling (e.g. dust, grease). Remove badly adhering coatings and loose plaster/render. Pretreat highly absorbent, friable and chalking substrates with PUFAS Silicate-Fixative SF.

Application:

Stir PUFAS Mineral Crystal White well prior to use and apply to substrate with brush, roller or suitable spray equipment. For undercoat, paint may be diluted with max. 10 % Silicate-Fixative. Apply finishing coat in undiluted form after undercoat has fully dried. When coating larger areas, always work with live edges to prevent laps (flashing).

Drying time:

Approx. 5 – 7 hours under normal conditions (at +20 °C, 65 % relative humidity and moderately absorbent substrate). Allow suitably longer drying times for unfavourable conditions.

Tinting:

For colour finishes, paint can be tinted with max. 3 % PUFAMIX Universal Concentrated Colorants (LW (light- and weather-resistant) oxide types).

Consumption:

From 150 ml/m² per coat on smooth substrates. Exact consumption rate to be determined by trial application on site.

Safety at work:

Avoid contact with skin and eyes. Wear safety gloves and goggles (not with glass). Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. In case of contact with skin, rinse with plenty of water. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice if necessary. Ensure adequate ventilation during application and drying. Refrain from eating, drinking and smoking while using paint.

Note:

Mask areas not to be painted. Avoid splashes of paint on glass, ceramics, marble and similar materials. Immediately remove accidental splashes with water. Do not mix PUFAS Mineral Crystal White with paints with any other material base. Do not use at building fabric and room temperatures below +8 °C. Wash tools with water immediately after use.

Notes on airless spray application:

Spray angle: 50°
Nozzle: 0.018 – 0.021
Spraying pressure: 120 – 180 bar
For spray application, use combi-filter A2/P2.

Please consult safety data sheet for safety-relevant data. Up-to-date safety data sheets are available from our website at www.pufas.de or from sds@pufas.de.

EU VOC limit value for this product (Cat.: A/a, Wb) = 30 g/ltr (2010). Max. VOC content of this product: 1 g/ltr.

Storage and disposal:

Store in cool, though frost-free environment in properly sealed containers. Keep out of reach of children. Hand over only fully emptied containers for recycling. Do not allow to enter drains, sewers, surface waters or ground.

Item No.	EAN	Container size
016402000	4007954164020	5 ltr
016404000	4007954164044	12.5 ltr



Note:

All details and data presented in this information sheet are based on our practical experience and laboratory investigations, and reflect the current state of the art. They can, however, only serve as general guidance and shall provide no guarantee of specific properties or performance. Given that the conditions for storage, transportation and application of products are beyond our control, no legal liability may be construed from the information presented here. It shall be the responsibility of the user to check the product's suitability for the envisaged purpose under the specific site or project conditions.