



Silicate clay paint 689

For interior use, wash-resistant.

Application range:

For all load-bearing walls and ceiling surfaces indoors, except lacquer and latex coats.

Technical qualities:

Wet abrasion resistance class 2 (rub resistance, old), contrast ratio Class 2 (hiding power, old), according to DIN EN 13300. sd value < 0.01m. The product reacts alkaline and by silicification processes. As a result the colouring substances are no longer available for organisms (moulds, algae, fungi, etc.) as a source of food.

Colour:

White.

Full declaration:

Water, clay, chalk, potassium silicate, mineral pigments, organic binders, cellulose, vegetable emulsifier, polyaspartic acid. The VOC content of this product is max. 1 g/l. The EU limit value is max. 30 g/l (category „a“ as of 2010).

Application:

The silicate clay paint can be easily applied with a brush or roller after careful stirring. If necessary, dilute the first coat with max. 10% water. Apply the final coat undiluted. After approx. 4 hours, the silicate clay paint can be recoated with silicate clay paint for a second coat. After 24 hours, the silicate clay paint is fully cured and can be glazed for coloured design.

Drying time:

At 20°C and 50% relative humidity: Dust-dry after approx. 3 hours in normal climate conditions and recoatable with silicate clay paint after approx. 4 hours. Dry overnight. Ensure good ventilation!

Container sizes and coverage:

1 l covers approx. 5 - 8 m² per coat, depending on the absorbency of the substrate. The consumption is approx. 150 ml/m².

Sizes	Coverage...*
2,5l	16,5 m ²
10l	66 m ²

* Coverage per coat

Storage:

Stable for at least 12 months when originally sealed. Store in a cool, dry and closed place. Protect from frost. Opened containers and diluted preparation cannot be stored.

Disposal:

In accordance with local, official regulations. Dried up product residues can be disposed of with household waste. Waste code EWC 08 01 20.

Cleaning:

The product is ready for use. Clean with water and LEINOS Plant Soap 930.

Special advice:

All LEINOS silicate paint products are particularly suitable for historical building fabric, but also for application in modern architecture. In contrast to conventional paints bound with synthetic resins, silicate paints do not form a paint film after drying, but a coating layer. The ageing of these silicate paints takes place through a continuous, very slow layer thickness degradation. In technical literature, this behaviour is referred to as „chalking“. This chalking is a typical property of the material and NOT a product defect.

Hazard statements:

Safety data sheet available on request. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Precautionary statements:

Keep out of reach of children. Avoid release to the environment. Dispose of contents/container according to local regulations. Do not get in eyes, on skin, or on clothing. Caution the product is alkaline! Protect eyes and skin against splashes. Splashes on glass, natural stone, aluminium, wood and paint should be washed off immediately with plenty of water.

To achieve optimum results, please refer to the Technical Data Sheets of all products used. The information is based on our current knowledge and experience. However, they do not constitute a guarantee of product properties and do not establish a contractual legal relationship. With the publication of this Technical Data Sheet, all previous information becomes invalid.

Status: February 10, 2026

LEINOS • Reincke Naturfarben GmbH • Industriestraße 3 • 21640 Horneburg, Germany
Tel. +49 (0) 41 63 - 86 74 7-0 • www.LEINOS.de • info@LEINOS.de