

# LEINOS 692

## Silicate Paint

**Application:** Interior. Silicate Paint for all load-bearing wall and ceiling surfaces, except paint and latex coatings. Ideal for damp rooms.

**Technical Characteristics:** LEINOS Silicate Paint 692 is solvent-free, highly diffusible, provides good coverage, dries quickly and is matt. Gives uneven substrates a uniform texture and a fine-grained surface on smooth substrates. sd value approx. 0.01, pH value approx. 11, grain size approx. 0.13 mm. Mould-preventive: The product reacts alkaline and through silicification processes. As a result, the colour ingredients are not available to organisms (mould, algae, fungi, etc.) as a food source.

**Color:** Natural white, can be tinted with alkali-resistant LEINOS pigment concentrates 668.

**Ingredients:** Water, potassium water glass, mineral pigments, organic binders.

**Package Sizes:** 10l

**Substrate and Preparation:** Stir carefully before use. The substrate must be dry, sound and clean. Paint, oil, latex and synthetic resin coatings must be removed. Substrates such as aerated concrete and other highly absorbent or sanding substrates are pre-treated with LEINOS Silicate Primer 621. Painter's fleece must also first be primed with LEINOS Silicate Primer 621. On substrates from which wallpaper has been removed, the substrate surface must be lightly sanded (100 grit) and well dedusted (first sweep or vacuum, then wipe with a damp cloth) or thoroughly cleaned with a brush and hot water. After 24 hours drying, prime with LEINOS Silicate Primer 621. Wallpaper paste residues can lead to adhesion problems and discolouration of the paint. Important note: When coating different substrates with water-based, open-pored paint systems, certain substances such as lignin, nicotine, rust, various salts or moisture can penetrate from the substrate and possibly lead to discolouration. It is therefore essential to check the substrate for suitability and carry out preliminary tests (sample surfaces). Substrates that have not yet been painted, as well as gypsum plaster and gypsum plasterboard surfaces, should first be pre-treated with LEINOS Silicate Primer 621. Pre-treatment with LEINOS Silicate Primer 621 is also advisable to equalise different absorbencies, e.g. filler and repair areas. If in doubt, apply a test coat.

**Processing:** After stirring, apply with a roller or brush. When using a roller (soft paint roller), apply the product crosswise. After 24 hours, the plaster can be painted over or glazed.

**Drying Time:** At 20 °C and 50 % relative humidity: In a normal climate, dust-dry after approx. 3 hours and recoatable after approx. 12 hours. Ensure good ventilation! Do not apply at temperatures below 5 °C.

**Consumption:** 1 litre is sufficient for 5-6 m<sup>2</sup> per coat, depending on the absorbency of the substrate.

**Thinning and Cleaning Agents:** Product is ready to use. Thinner with Silicate Primer 621 or water if necessary. Clean with water and LEINOS Vegetable Soap 930.

**Storage and Shelf Life:** Stable for at least 12 months when originally sealed. Store in a cool, dry and sealed place. Protect from frost. Opened containers and diluted preparation cannot be stored. Risk of thickening if stored too warm.

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**Special Notes:** All LEINOS Silicate Paint products are particularly suitable for historical buildings, but also for use in modern architecture. In contrast to conventional paints bound with synthetic resins, silicate paints do not form a paint film after drying, but a paint layer. The ageing of these silicate paints is characterised by a continuous, very slow reduction in coating thickness. In technical literature, this behaviour is referred to as "chalking". This chalking is a typical property of the material and NOT a product defect. To achieve optimum results, the material must be thoroughly stirred and sieved before use so that dried colour particles are removed from the edge of the bucket or lid. These are typical properties of the material and NOT a product defect. VOC content: 1 g/l, EU limit value: 30 g/l (cat. a). EAK: 08 01 03 / GISCODE: M-SK 01

**Hazard statements:** Safety data sheet available on request.

**Precautionary statements:** Keep out of reach of children. Avoid release to the environment. Dispose of contents/container to an appropriate recycling or disposal facility. Do not get in eyes, on skin, or on clothing. Caution! 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 optimal results, please observe the Technical Data Sheets of all products used. The information is based on the current state of our knowledge and experience. However, it does not constitute a guarantee of product properties and does not establish a contractual legal relationship. With the publication of this Technical Data Sheet, all previous information becomes invalid. Status: 24. März 2026