

TECHNICAL DATA SHEET

LAVAPAIN SILICATE PRIMER Waterglass-based primer

DESCRIPTION

LavaPaint Silicate Primer is a transparent, highly penetrating primer, based on a new generation emulsion of potassium silicate, suitable for indoor and outdoor applications. It has deep penetration into the substrate and particularly high breathability. Adjusts absorbency and homogenizes the surface. It is odorless without Volatile Organic Compounds and without preservatives, therefore is particularly friendly to the environment and the user. It reacts chemically with the substrate ensuring excellent adhesion and an ideal surface for the top-coating application.

APPLICATION AREAS

Ideal for indoor use such as homes, offices, etc. and outdoor use on surfaces such as plaster, masonry, putty, cement boards, plasterboards, etc. Its penetrability and high breathability makes it ideal for application on surfaces that are to be covered with paints or water-based plasters. It is also ideal for use on surfaces painted with adhesives or low-quality old paints (watercolors, cheap plastics, etc.), which it stabilizes and at the same time homogenizes their absorbency.

APPLICATION INSTRUCTIONS

Surface preparation

Surfaces must be clean, dry and free from loose materials, dust, oil, etc. Sensitive surfaces such as glass, aluminum, marble, painted or varnished surfaces etc. must be protected.

Application

Apply one layer of **LavaPaint Silicate Primer** diluted up to 1:1 with clean water, depending on the absorbency of the surface.

CONSUMPTION

75-100 ml/m² per layer, depending on the absorbance of the surface and the dilution rate of the material.

DRYING

Touch drying time is approximately 1 hour. The application of the final color can be done after 12 hours. Drying time depends on the environmental conditions (temperature, humidity).

PACKAGING

Available in plastic containers of 1L, 5L, and 10L.

LIMITATIONS

Do not apply when the ambient temperature and/or the temperature of the substrate is below 5°C or above 35°C.

CLEANING

Clean the tools immediately after use with water.

STORAGE

12 months from the date of production stored in its original and sealed packaging at temperatures between +5°C and +35°C. Protect it from direct sunlight and frost.

SAFETY

Read carefully the label of the product before use. Detailed instructions regarding hazards and safety are provided in the Safety Data Sheet, which is available upon request.

NOTICE

The technical information and instructions provided in this datasheet referring to the application and end use of PROLAT products are based on the company's expertise and experience

TECHNICAL DATA SHEET

LAVAPAIN SILICATE PRIMER Waterglass-based primer

with the products to date. They are provided in good faith under the condition that the products are stored, used, and applied in accordance with PROLAT's instructions. However, given our inability to directly oversee conditions at construction sites or during product application, the company cannot guarantee the suitability of its products for specific purposes, nor does it assume any legal responsibility based on the information provided in

this brochure, whether written, oral, or otherwise communicated. Users are advised to conduct a small test to assess the suitability of the products for their intended application and purpose of use. The company reserves the right to modify the properties of its products without prior notice.

Technical Data:

Type	Aqueous emulsion based on potassium silicate
Color	milky
Viscosity	50-54 KU
Density	0,98 - 1,00 g/cm ³
Thinning ratio	Up to 1:1 with pure water
Consumption	75-100 g/m ² (depends on the thinning ratio and the absorbency of the surface).
Storage	In a dry and cool place (5-35 °C) for at least 12 months in its own closed packaging.
Volatile Organic Compounds (VOC):	EU limit value for this product (Cat. A/g): 30 g/lit (2010). The product does not contain VOCs.

