

SILTINT LAMATO – *silicate line*

Outdoor wall coating made of modified potassium silicate, inorganic pigments, marble slivers, quartz powder, stabilizers. The formulation based on silicates gives the product the following characteristics: breathability, light and weathering stability. After drying, the product reacts with carbon dioxide forming the colloidal silica which, combined with the support on which it is applied, consolidates it. **Siltint Lamato** has an excellent anchorage to the support for a long time and ensures a high protective action of the surfaces.

SPECIFICATIONS

Composition: modified potassium silicate, inorganic pigments, selected grits, stabilizers, synthetic binders.

Appearance of dried product: matt.

Solid content: 80%± 2.

Particle size: fine-grained 1,2 mm; medium-grained 1,8 mm.

Viscosity: thick paste trowellable.

Abrasion resistance: excellent.

Average coating thickness: 2-3 mm.

Weathering resistance: excellent.

Strength of adhesion to the substrate: excellent.

Water vapor diffusion: good.

Ph: 10-11.

Application: steel/plastic trowel and sponge trowel.

Dilution: ready to use.

Yield: (1 coat) fine-grained 2kg/sqm; medium-grained 3 kg/sqm; depending on the surface.

UNI EN 15824
CE

Outdoor wall coating based on
modified potassium silicate

Vapor permeability coefficient: V_1

Water absorption: W_1

Adhesion: ≥ 0.3 MPa

Durability: ≥ 0.3 MPa

Thermal conductivity: ($\lambda_{10,dry}$) 1.17 W/m·K (tab. value; P=50%)

Reaction to fire: Euroclass F

METHOD OF USE

Ensure that the surface is thoroughly dried and aged. If necessary, take measures to reconstruct or consolidate the surface by using specific products. Remove any mold, efflorescence and any old peeling paint by brushing or washing. Remove any deposits of dust, smog or other by brushing. Level any irregularities in the surface and treat holes, cracks, crevices and gaps.

- *New surface:* Make sure that the support has at least one month of aging, to avoid the excessive alkalinity surface prevents the silicate to penetrate and anchor to the support with consequent phenomena of separation of the coating (beware of patches!). Apply a coat of **Silicaf Primer** (Caf), then after at least 24 hours, apply one coat of **Siltint Pittura** (Caf) in the same color of the finish. Wait at least 24 hours and then apply one coat of **Siltint Lamato** (Caf) with steel trowel. During the drying phase, finish the surface with the steel trowel with movements very tight and regular.

- *Old plaster:* Since the silicate has to react with the plaster is necessary to remove the old paint and restore the plaster by brushing, sanding, paint stripping etc. ...Clean the surfaces and then proceed as on new plaster.

Having regard to the significant differences of application and of physical-chemical nature of the surfaces, no responsibility can be attributed to the producer in case of difficulty of adherence of the product or to different chemical reactions that can occur, even on color and, worse, if there is the presence of moisture, salt and extreme temperatures (hot or cold). It is therefore necessary that the

The technical informations contained in this technical sheet are based on our practical experience and laboratory testing and are purely indicative. We offer products and operating systems in perfect correspondence with the highest quality standards, provided that the instructions for use are followed in accordance with the needs and the professional knowledge of utilization. The application of the products takes place outside of our control and therefore is under the sole responsibility of the customer. Our technical department is always at your complete disposal to provide any further information or clarification.



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applicator uses all due caution that experience suggests. Remember that the plaster truly breathable compounds with hydraulic lime and without cement are the ideal support for cycles of restoration with diffusive paints.

CLIMATE CONDITIONS

To avoid compromising the optimal appearance and performance of the product we recommended that it be applied only in specific climate conditions:

- Apply to temperatures between +5 °C and +35 °C;
- Avoid the application on surfaces heated by strong sunlight,
- Avoid application when rain is imminent,
- Avoid application in case of humidity;
- surface must be protected from rain and damp for approximately 48 hours.

USEFUL TIPS

- Store at room temperature.
- Close the container tightly after each use.
- Protect surfaces not to be painted (windows, tiles, glass etc ...).

Protect from frost.

Packaging: 25 Kg.

Color: white, Allegro color chart, tint on request.

Washing tools: use water immediately after use.

Specification Item

- > Protect all surfaces not subject to application of paint.
- > Preparation of the surface by manual brushing or washing with high pressure washer machine, depending on the nature and intensity of the dirt.
- > Application of a potassium silicate based primer **Silicaf Primer** (Caf). After at least 24 hours, one coat of **Siltint Pittura** (Caf) in a similar color of the finish. Then apply the outdoor wall coating potassium silicate based **Siltint Lamato** (Caf) with a final thickness of 2 mm, equivalent to an average consumption of 2-3 Kg/sqm, applied in one coat with a trowel.
- > All applications must be performed on completely dry surfaces, with the ambient temperature and that of the surfaces to be painted between +5 °C and +35 °C with relative humidity not exceeding 80%. If you ever experience environmental conditions other than those mentioned above, as well as in the presence of wind, dust, smoke, etc ..., the application should not be initiated.

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