

ELEMENT

Non-flammable mineral based decorative plaster



Main Characteristics

Description:



ELEMENT is a lime based mineral decorative plaster that is **NON-FLAMMABLE**, highly durable, and resistant to mold growth in high-humidity areas.

The essence of the material is revealed in seven expressive words that reflect it's key qualities and form it's name – ELEMENT:



E – Eternal – eternal, like natural stone. It holds the power of centuries and stands timeless.

L – Legendary – legendary, inspired by ancient Venetian recipes that pass down the art and secrets of the craft from generation to generation.

E – Enduring – exceptionally strong and resilient. Unfazed by time, fire, or the trials of nature.

M – Massive – massive and monolithic. It forms a solid, confident shape, as if grown from the earth itself.

E – Ecological – eco-friendly. Safe for both people and the environment, created with respect for nature.

N – Natural – natural, made of 100% components of natural origin, without synthetic additives.

T – Timeless – timeless. Unaffected by trends and never aging, maintaining it's relevance and beauty through the years.



The material is for finishing surfaces in interior areas that require fire-resistant coatings of surfaces. It is also recommended for decorating and protecting surfaces in areas with constant humidity, such as basements, ground floor, and inside parking areas.

A distinctive feature of ELEMENT decorative plaster is it's wide ability to imitate natural stones of various types. Walls finished with ELEMENT material impress with the depth and softness of their shades and the naturalness of their colors. Color options can be very diverse, but in classic styles, warm tones or shades close to white prevail.

The production technology of ELEMENT material was developed in Italy several centuries ago. This plaster was made exclusively from mineral components and lime.

ELEMENT decorative plaster is mineral lime-based. The material consists of slaked lime (aged for over 36 months), quartz, marble, and other natural additives.

Main Characteristics

Description:

ELEMENT decorative plaster is valued not only for its unique beauty but also for its natural durability. The material is easy to apply on roughly prepared surfaces (including those based on cement-sand mixtures or lime), monoliths (concrete), and also helps to level surface irregularities and correct the geometry of the shape. ELEMENT is an environmentally safe and VOC free. The surface covered with ELEMENT material is resistant to temperature changes and allows you to save warm inside the building, and also has effective antifungal properties.

The material is non-combustible and has the corresponding Russian certificate NG (KM-0), confirming it suitable for finishing public interiors and fire evacuation areas.

Types of products:



ELEMENT Medium – the grain size is 0.7–1 mm, with an average consumption of 1 kg per 0.3–0.5 m² for application by trowel.

ELEMENT Fine – the grain size is 0.3–0.5 mm, with an average consumption of 1 kg per 0.7–1 m² for application by trowel.

Preparation

For interiors:



Before applying ELEMENT material, the surface must be dry and clean. The material can be applied to rough-prepared surfaces, those treated with cement-sand mixtures, concrete or monolithic constructions, as well as brick or block surfaces.

To achieve minimal consumption of the ELEMENT decorative plaster, it is recommended to prepare the surface using the ORSO Infinity finishing putty system (Basic and/or Light types).

Achieving perfect leveling surface during preparation is not required, as the material is high thickness and has perfect coverage. However, it should be noted that uneven surfaces will increase the consumption of the ELEMENT decorative plaster.

Apply 1-2 layers of deep-penetrating primer impregnation Primer Normal, diluted with water in a 1:8 ratio. The drying time between layers is 2 hours, and the full drying time is 4-6 hours.

Apply one layer of the special primer for lime-based mineral plasters FONDO A CALCE. It is recommended to dilute it with water by 20% before use. After applying the primer, wait for it to fully dry for 6-8 hours. Once dry, you can proceed with the application of the ELEMENT decorative material.

For exteriors:



Before applying the ELEMENT plaster, surface should be treated with appropriate leveling plasters to prepare and smooth the facade surfaces for painting or the application of exterior decorative finishes.

Apply 1-2 layers of deep-penetrating primer impregnation the Primer Normal, diluted with water in a 1:8 ratio (for highly porous surfaces, the second layer can be diluted in a 1:5 ratio). The drying time between layers is 2 hours, and the full drying time is 4-6 hours.

Apply one layer of the special primer for lime-based mineral plasters the FONDO A CALCE. It is recommended to dilute it with water by 20% before use. After applying the primer, wait for it to fully dry for 6-8 hours. Once dry, you can proceed with the application of the ELEMENT decorative material.

Application

The surface must be completely dry, free from dirt and dust. The ELEMENT material should be applied using a Venetian trowel, a stainless steel spatula, or by spray machine.

The ELEMENT material is applied in two steps:

Apply the first layer of the ELEMENT plaster covering whole surface with a thickness the same size of grain by a stainless steel trowel or by spray machine. Drying time for the first layer: 8-12 hours.

To achieve the effect of NATURAL STONE, apply the second layer of the ELEMENT plaster about 1.5–2 mm thickness covering whole surface and, without waiting for drying, immediately begin forming the pattern by a special lining brush or another technique (and/or another tool), creating deep grooves, craters, or a color combination for marble effect on the surface. Once the material begins to dry, smooth (compact) the surface with the same inox trowel to maintain the created stone texture. After 15-20 minutes of drying, repeat the process to slightly polish the surface. Full drying time: 7-12 days.

To achieve a SMOOTH texture on the surface, apply the second layer of the ELEMENT plaster approximately the same thickness as the first. The resulting appearance can be left as is. To make the surface smoother, after 15-20 minutes of drying, smooth (compact) the surface using the inox trowel to create a smoother texture. Full drying time: 7-12 days

Protection

For interiors:



We recommend applying protection to the finished surface no earlier than 48 hours (the best 7-12 days) after the decorative coating has been applied.

We recommend NOT applying any protective coatings at all if it is necessary to maintain the non-flammable properties.

Water-repellent coating based on siloxane:

Recommended protective coatings:

- PRATTA VELATURA (please refer to the product's technical description before use).
- PRATTA UMBRELLA (please refer to the product's technical description before use).

Water-repellent coating based on wax:

- PRATTA CERATO (please refer to the product's technical description before use).
- PRATTA SPECCHIO CERA (please refer to the product's technical description before use).

Technical characteristics

Application temperature:	+5 to +30°C
Humidity:	< 85%
Touch dry time:	4 - 6 h
Intercoat drying time:	6 h
Total Drying:	20-25 days
Density:	1.7–1.8 kg/L
pH:	12–14
Solid:	78%
Consumption:	depends on the type of material and application method
Color:	white, tintable
Package:	6 kg, 20 kg, 24 kg

Tinting



Tinting is possible in a wide range of colors. We recommend tinting this product using the PRATTA COLOR SYSTEM.

When using different batches of the material but the same color, mix them together to achieve a uniform color.

Storage



The product in its packaged form, stored in a dry, cool place, has a shelf life of up to 24 months. After use, carefully close the packaging and store it upside down.

Minimum storage temperature: +5°C (41°F)

Maximum storage temperature: +30°C (86°F)



INFLAMMABLE

The material is inflammable and has the KM-0 certificate, so it can be used in the decoration of public areas and fire evacuation sites.



The material is certified for the medical institutions