

ESTone.tex System for theming of stone, rocks, bricks, woods, etc...

Data Base EST-Multilitio

Mineral consolidant with lithium silicate and colloidal silica.
High penetration. Biodegradable. For interiors and outdoor. Great consolidating power by silicification.
Water-based, easy to apply and effective.

MATERIAL CLASS	Multifunctional consolidant based on a complex micro-dispersion of lithium silicate modified with colloidal silica, aqueous base, for use in interior and exterior mineral bases.
GENERAL PROPERTIES	<p>Specially designed for its exclusive use in mineral bases since EST-Multilithium becomes part of the mineral bases on which it is applied, as well as for ESTone.tex mortar kneading. Thanks to its petrification process by multiple silicification. EST-Multilithium reacts with the mineral base, forming the same crystalline body, insoluble in water and highly breathable SD <0.02 m. Its formulation based on water and free of organic solvents (Zero VOC) is in harmony with the environment and with the health of the applicator, which will only need to adopt the basic protection measures for water-based products without additional hazard marking.</p> <p>Important note: EST- Multilithium stands out in its ease of application and handling, compared to the complex safety measures required in the application, storage and transport of silicate consolidating systems based, for example, on ethyl acetates and solvents, given their greater danger for the applicator and emissions to the environment.</p>
FIELDS OF USE AND PROPERTIES BY TYPE OF APPLICATION	In works and restorations, heritage, concretes, and for almost any type of mineral base that needs to be effectively consolidated, durable and highly breathable.
HOW TO USE	<p>Apply from pure (concrete) to 1: 4 solution in water (especially in restoration), with a brush, roller, spray. The degree of dissolution and number of coats will be determined by various factors: porosity, absorption of the base, state of degradation of the base, pathologies, etc ...</p> <p>As a general rule (in restoration) it is recommended to apply a first coat more dissolved in water (1: 4), especially in low-porous, low-absorption mineral bases, to subsequently apply a final second coat. Although due to the great diversity of existing situations, we recommend carrying out a preliminary test. If, after drying the sample, a whitish crystalline shiny surface is obtained, we recommend repeating the test first using a greater dissolution in water, or conversely, if a strong consolidating effect is needed, apply it more concentrated, from pure to 1: 2 in water.</p>
PERFORMANCE	Between 5 and 15 m ² / l. of concentrate depending on the type of application and the absorption values of each treated mineral base.
DENSITY	About 1.03.
PH	Approximately 11.0.
DEGREE OF BRIGHTNESS	From mineral matte, when the base must completely absorb the entire application (in restoration) to crystalline satin, when especially in concrete floors it is applied in its pure state and sometimes even undergoes a final finishing polish.
COLOR	Colorless.
APPLICATION TIME	From 5 °C, both for the surface to be applied and for the ambient temperature.
COMPATIBILITY	Do not mix with other products. .
STORAGE	Two years in closed container, in a cool place with a temperature of not less than 5°C.

PACKING	Plastic carafe of 1, 5 and 10 liters.
PRECAUTIONS	Before applying, cover all metallic surfaces, glass, lacquered surfaces, wood and other mineral surfaces that should not be treated. Wear goggles and skin protection, especially if working above head height. For correct handling, request the safety data sheet.
NOTE	For the good application of a product, the state of the base must be taken into account. Among our products we have a wide range of cleaners, base preparations, waterproofing agents, consolidants, insulators ... In case of doubt, consult our technical advisory service.

LEGAL NOTE:

Comercialized by: ESTECHA REPRODUCCIONES S.L.

Made by:

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