

Data Sheet

ESTone.tex- Restaura Cal Plus

DESCRIPTION

ESTone.tex- Restaura Cal Plus mortar, due to its special composition of lime mortar provides a more stable natural curing and is especially indicated for plastering, creation and restoration on horizontal and vertical walls both indoors and outdoors. With high thixotropic performance, applications from 0.5 cm up to 15-20 cm in volume in a single coat.

FIELDS OF USE

Especially recommended for facades, restorations and heritage, such as plaster or grout mortar and restitution. Its composition with lime makes it ideal in old walls and bases with lime components where healing, compatibility, welding and durability have special importance.

PRIMER

Depending on the type and application requirements, we recommend using EST-26 Multilite, micro-mortar ESTone.tex + EST-6 Plus, EST-19 Plus or EST-16 as primers. These primers provide a bridge between the base and the mortar and regulate the absorption of the base and its drying. Let it dry 24 hours.

HOW TO APPLY

Apply the mortar on clean surfaces, free of dust, release agents, paint or any other substance that may affect in its adhesion. The support must be consistent, and all possible cracks must be stabilized by retraction, settlement, etc.

1. Prepare the mixture of EST-26 Multilite + water, in a proportion: 1 liter EST-26 Multilite per 6 liters of water.
2. Knead the mortar with the suitable amount of additivated water:
 - **Apply by hand:** For plaster up to 1-1,5cm thick: between 5,7- 6 l./bag 25Kg. In applications higher than 1.5cm between 5.5 - 5.8 l./bag 25Kg.
 - **Apply with projection machine:** between 5,8l- 6.2 l./bag of 25Kg.

Mix until getting a smooth paste without lumps. Once homogenized, proceed to its immediate application. Immediately after its use and before the mortar sets, tools machinery, and hoses should be cleaned with water. (It is needed an average of 850-900 ml of multilite per 25 kg of elite mortar, depending on the application and thickness.)

First extend a very thin layer on the support by pressing so that the air comes out, and then recreate until a recommended maximum of 5-10 to 15-20 cm. depending on the application, either by hand or projected. Once the mortar has been smoothed, wait approx. between 1-2 hours to 4-6 hours to be able to thematize, give shape, engrave and scrape, during its workability period from its application to depending on temperature and humidity. Left to dry 24 hours, time in which can be performed the last effects, and proceed with the finishes.

COLOR FINISHES

- o **Not covering silicate glaze:** Apply a minimum of 2 -3 EST-26 Multilite hands colorless or pigmented with Mixol, especially we recommend using oxide pigments. It is applied in its pure state (200-350 ml / m² depending on the absorption of the support), Request technical sheet.
- o **Semi-covering glazing with silicate:** If you look for a semi-opaque silicate glaze apply 2 coats of EST-Monocrom. Use only oxides pigments.
- o **Silicate paint or pure Acrylates 100%:** Apply at least 2 coats of Silicalith EST-27 paints or any of the pure acrylate-based paints from our range of paints.

PROTECTIONS	It is always recommended to use as final protection (EST-7, EST-3 Plus N, EST-4 Extreme or even our antigraffiti EST-Fluorosil or EST-Eposilan) for the correct conseration of the system, according to the use that is going to be given to the mortar, for which we have a range of hydrophobic and protective products, information at www.estechareproducciones.com . In case of doubt consult our technical service.
RECOMMENDATION	<ul style="list-style-type: none"> o In singular points (structural joints, joints between different materials, or even in large thicknesses if it is considered appropriate), it is convenient to incorporate a mesh in the middle to arm and reinforce it, thus enabling it to deal with stresses or differential dilatations that could produce an undesirable cracking. The use of mesh is recommended, with a light of approximately 10 x 10mm. Always follow the NBE / FL 90 standard for the application of mortars. o In hot weather (temperature above 30° C), it is recommended to take the following precautions: Moisten the base thoroughly, avoid prolonged exposure to the sun and keep an eye on drying times. o Do not apply the mortar at temperatures below 5° C, or with risk of rain or frost.
YIELD	Average yield at 1cm thickness 16 Kg./m ² .
COMPOSITION	Most aerial lime, white cement, limestone sands with grain sizes 02 and 0,1 and various additions.
COLOUR	Standard color soft cream, and optionally and depending on quantities in pale gray, sand and brown. Ask for prices, delivery time and minimum quantities for these other colors.
TEMPERATURE	Between 5° C and 30° C.
COMPATIBILITY	Do not mix with other products.
STORAGE	9 months from the date of manufacture, in original packaging and isolated from moisture.
PACKING	Paper sacks of double sheet of 25 Kg. (+/- 2%). Identified by lots. Pallets of 1200 Kg. (48 bags).
CAUTION	Xi Irritating. Ask for safety data sheet. We recommend: Avoid the formation and accumulation of dust. Go to aired room. Avoid contact. Wash immediately with clean water. Avoid prolonged contact. In case of irritation, wash with water. We recommend using suitable protective clothing: - Mask against dust for protection of the respiratory tract. - Eye protection goggles. - Long sleeves work clothes.
NOTE	In case of doubt, consult our technical department.

LEGAL NOTE:

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Made by:

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