

Data Sheet

ESTone.tex- Extreme

MATERIAL CLASS

The ESTone.tex Extreme mortar for its composition special, provides a plaster mortar of high hardness and resistance, for the creaction and restoration of horizontal walls and vertical both indoors committed, as exterior or for immersion. With high thixotropic performance, applications from 0.5 cm to 15cm of volume in a single hand.

FIELDS OF USE

Especially recommended where the best possible services are needed in a CS IV plaster mortar, since the elite mortar extreme triples with slack the normed resistance that is 6N / mm², reaching up to 20 N / mm² with a Correctly cured. Suitable for:

- Where the weather conditions of the environment (interior and exteriors) make it harder for CSIV mortars standard reach their optimum hardness.
- For surfaces that will be immersed in fresh or salt water
- For the thematization profesional en zoos, acuari and adverse climates.
- For surfaces subject to high mechanical wear
- For reconstruction volumetric criticism in restoration and heritage.

PRIMING

Depending on the type and requirements of application recommend use as primers the EST-26 Multilite products, EST-6 Plus + ESTone.tex micromortero (textured primer), EST-19 Plus or EST-MultiPol. These primers they try a bridge between the base and the mortar and regularize the absorption of the base and its drying. Let dry 24 hours the primers before of apply the mortar.

APPLICATION

Apply the mortar ESTone.tex Extreme on clean surfaces, free of dust, release agents, paint or any other substance that may affect to the adherence of it. The support must be consistent, and they must to be stabilized all possible cracks by retraction, settlement, etc.

1. Prepare the mixture of EST-26 Multilite additive or EST-19 Plus (depending on agree) + water, in a proportion of 1 liter of EST-26 Multilite per each 5 liters of water.
2. Knead the mortar with the amount of dissolution ideal:

With EST-26 Multilite:

- Application **by hand**:
For plaster up to 1-1.5cm thick: between 4,4l - 4,6l/ bag of 25Kg . In applications greater than 1.5cm: between 4,2l - 4,5l/ bag of 25Kg.
- Application with **machine projection**: between 4.8l - 5,2l/ bag of 25Kg)

With EST-19 Plus:

- Application **by hand**:
For plaster up to 1-1.5cm thick: between 4,4l - 4,8l/ bag of 25Kg . In applications greater than 1.5cm: between 4,4l - 4,6l/ bag of 25Kg.
- Application with **machine projection**: between 5l - 5,2l/ bag of 25Kg)

In each case,mix until getting a smooth paste without lumps. For the projection with machine, in each case, should adjust the need for dissolution to machine until getting l to proper viscosity projection. In all cases and once homogenized, it will be applied immediate. After the application utensils, machinery, and hoses will be cleaned with water, immediately after use, before the mortar sets. (He need a media 800-1000 ml. of additive EST-26 Multilite or EST-19 Plus according to more convenient) for every 25 Kg mortar ESTone.tex Extreme depending on the form of application and thicknesses.

When applied by hand, extended first of all, spread a very thin hand over the pressing to release the air, and then recreating until a recommended maximum of between 5 -10 y until 15 - 20 cm. With machine, the material to the desired thickness considering the adequate technique that allow to apply high thickness. Once the mortar is called or they should wait approx. between 1-2 hours up sometimes about 4-6 hours to be able to thematize, coast, shaping, engraving and scraping, being the maximum period of workability from its application depending on the temperature and humidity. Once worked, he it will let dry 24-48 hours, time in which the last effects can be made, and proceed with the finishes.

FINISHES OF COLOUR

- **Veladuras not coverings to silicate:** Apply a minimum of 2-3 hands EST-26 Multilite pigmented with EST-Mixel oxides. It is applied in your pure state. (200-350 ml / m² depending on absorption of the support). Request technical sheet.
- **Veladura semi-Silicate cover:** If you want a silicate glaze semi-cub laughing apply 2 hands of EST-Monocrom. Use oxides pigments.
- **Painting at silicate or of 100% pure acrylates:** Apply at least 2 hands of the paintings Silicalith EST-27 or any of the paintings on base pure acrylates from our range of paints, according to the most convenient.

PROTECTIONS

It is always recommended use as final protection (EST-7, EST-3 Plus, EST-4 Extreme or incluso our antigraffiti EST Fluorosil Macs or EST Macs Eposilan for the correct conservation of the system, according to the use that is going to give the mortar, for what you have one a range of products water repellents and protectors. In case of doubt consult to our technical service. Information available in: www.estechareproducciones.com

RECOMMENDATION

- In points critics or singular (structural joints, unions between different materials, or even in large thicknesses if this is estimated timely), it is very convenient incorporation in the intermediate part of a mesh to arm and reinforce it, enabling it thus, between tensions or dilatations difference those that could produce a never desirable cracking. The use of mesh is recommended, with a light of approximately 10 x 10mm. Always follow the NBE / FL 90 standard application of mortars.
- In hot weather (temperature above 30° C), it is recommended to take the following precautions: Moisten the base very well, and avoid the prolonged exposure to the sun and monitor drying times.
- Do not apply the mortar at temperatures below 5° C, or at risk of rain or frost.

PERFORMANCE

Performance approximately 1cm thick 18-20Kg./m² depending on the viscosity of application

COMPOSITION

White cement, limestone sands with particle size 0.2 and 0.1, inorganic additions.

COLOUR

Standard in color white and optionally and depending on quantities it can be in other colors. Check prices, delivery time and minimum quantities for others colors not of series. Pigmentable in its kneading process with oxide pigments powder of the EST-Oxelite range (red, black, ocher, green, blue). Check prices.

T.^a DE APPLICATION

Between 5° C and 30° C, and humidity relative maximum 80%.

DRYING AND CURING

It is understood by conditions suitable curing and drying 20°C and 60% humidity relative.

The drying and curing times so that the mortar can be seen to founded remarkably according to the temperature and humidity. A greater frior and high humidity, longer drying and curing time. In environments committed must to condition the temperature and humidity through ventilation with hot air and extraction, so as to avoid the condensation.

COMPATIBILITY	Do not mix with other products, except with any of its 2 possible additives EST-26 Multilite or EST-19 Plus.
STORAGE	12 months from the date of manufacture, in original packaging and isolated from the humidity.
PACKING	25 kg double sheet paper sacks. (+ /- 2%). Identified by batches. Pallets of 1050 Kg. (42 sacks).
PRECAUTIONS	<p>Ask for safety data sheet. We recommend: Avoid the formation and accumulation of dust. Go to aired room.</p> <p>Avoid contact wash immediately with clean water.</p> <p>Avoid prolonged contact. In case of irritation, wash with water.</p> <p>We recommend using suitable protective clothing:</p> <ul style="list-style-type: none"> - Mask against dust for protection of the respiratory tract. - Protective goggles for the eyes. - Workwear with long sleeves.
NOTE	In case of doubt consult our department technical.

LEGAL NOTE:

Comercialized by: ESTECHA REPRODUCCIONES S.L.

Made by:

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