

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

Data Sheet

ESTone.tex- Expandex

FIELDS OF USE

The ESTone.tex-Expandex mortar, for its composition and scarce shrinkage, is specially indicated for plastering, creation and restoration of walls horizontal and vertical both indoors, outdoors, on support of bricks, cement and concrete, structures with metal meshes of other types of materials, poliespán with mesh, stones natural and artificial, being able to obtain convencional and decorative finishes of the most diverse nature, reducing the weight up to 10% respect to mortars of revoke en general.
With high thixotropic performance, applications from 0,8 cm up to 15-20 cm in volume in a single hand.

MATERIAL CLASS

Especially recommended for its use in cornices, restorations thematizations, allowing perfect reproductions of almost any type of construction material, smooth, rustic, natural and artificial stones, concrete, bricks, wood, metal rocks ... in decoration internal and external households, theme parks, urbanizations, hotels, discos, zoos,...

PRIMING

As a general rule for its direct application on mineral bases, it is indispensable the application of multi-purpose products primers: micro EST mortar +EST-6 Plus Nature from the base and application requirement, indicate the use of one or another primer, consult the technical service. These primers they act like junction bridge between base and mortar, and regularize an the absorption of the base and its drying. Allow to dry 24 hours.

APPLICATION

Apply the mortar about surface consistent, clean, free of dust, release agents, painting or any other substance what can to affect adherence of the same. The support should be consistent, and must stabilized all possible, craks by retraction, settlement, etc.

Relationship of mixing:

With **EST-26 Multilite**: **After dissolution 1: 6 parts in water.**

For each two 23Kg ESTone.tex-Expandex will be used between 5,5-5,7 l from dissolution (in summer will increase by 100-200 ml of dissolution)

Only on water: for each two 23 kg ESTone.tex-Expandex will be used approx 5,4-5,6 l of water(Adjust in each case the mixing ratio,in function of the room temperature)

Knead the mortar with the relationship indicated above by every two 23Kg, until getting a homogeneous paste without lumps. Once well homogenized, proceed to its immediate application. After the application the utensils will be cleaned, the machinery, and hoses with water, immediately after use, before that he mortar set.

First extend a very good hand on the support by pressing to that the air comes out, and then grow up to a recommended maximum until 15-20 cm, depending on the application that is being made, either by hand or projected. Once the mortar has been smoothed, wait approx. 1-2 hours to be able to thematize, shape, record and scrape, smooth...being the period maximum workability of about 4-6 hours from your application depending of the tea temperature and humidity. Once worked, it will be left to dry 24 hours, time in which the last effects can be made, and proceed with the finishes.

For walls from 0,8cm - 1 cm of thickness for smooth surfaces, thematized will require greater thicknesses, in general from 1 to 20 cm.

FINISHES OF COLOUR

- o **Veladuras not covering to silicate:** Apply a minimum of 2-3 hands of EST-26 Multilite or monochrome pigmented or EST-26 Multilite pigmented pure (200-350 ml / m² depending on absorption of the support), in one of the colors series, or EST-26 Multilite monochrome or EST-26 Multilite colorless or pigmented with EST-Mixol,in exterior colors only oxides.

	<ul style="list-style-type: none">o Veladura semi-cover Silicate: If you want a silicate glaze semicub apply 2 hands of EST-Silivel.o Silicate paint or of 100% acrylate: Apply at least 2 hands of the silicate paint EST-27, EST-2000 Disperlith... according to more agree. Before applying the paint, prime with the primer more convenient. <p>Important note: Single the glazes or paintings to the silicate of ESTECHA are compatible with the ESTone.tex mortar and applicable since the 24-48 hours later is to the application of mortar ESTone.tex, avoiding waiting 28 days of habitual setting, as with the other mortars.</p>
PROTECTIONS	It is always recommended use good protection for the correct system preservation, EST-3 Plus BFS, EST-4 Extreme or EST-7 or including with our antigraffiti EST-Macs Eposilan, when required, according to that is going to be given to the mortar for wich we have a range of waterproofing and protective products, information available in www.estechareproducciones.com .
RECOMMENDATION	<ul style="list-style-type: none">o In points singular (together structural unions between different materials, in big thicknesses yes a understands timely..), is convenient the incorporation in the intermediate part of a mesh for arm it and reinforce it, this enabling it, in the face of tensions or dilations differentials that could produce a suction, never desirable. He recommends the use of mesh, 10 x 10mm. Always follow e the NBE / FL 90 ofapplications of mortars.o In hot weather (temperature above 30° C), it is recommended to take the following precautions: Avoid prolonged exposure to the sun and monitor the drying times.o Do not apply the mortar to Temp. lower than 5° C, at risk of rain or frost.
CONSUMPTION	13,5 (±5%)Kg./m² a 1cm thickness
ADDITIVS SPECIALIS	For the realization of mortars of maximum thixotropy and/or greater values of impermeability and plasticity, special in swimming pools, balconies and basements we recommend the utilization of the additive EST-26 Multilite, in a mixing ratio of 1: 6 parts in water. EST-26 Multilite it makes the mix bigger and better waterproofing and plasticity for this type of work. Consult with our technical department. Request technical.
COMPOSITION	White cement, calcium dihydroxide, limestone sands, inorganic additions lightening loads minerals.
CATEGORY	Plaster mortar F1-CS IV-W2 with CE marking.
COLOUR	Cream of series. Check prices, delivery time and minimum quantities for other colors not of series.
T.ª DE APPLICATION	Between 5° C and 30° C.
COMPATIBILITY	Do not mix with other products
STORAGE	12 months from the date of manufacture, in original packaging preserved in interiors
PACKING	Sacks of paper of double sheet 23 Kg(+ /-two%). identiby lots. Euro Pallets of 1.104Kg. (48 sacks).
INSTRUCTIONS OF SECURITY	Before using you to y follow forever the indications of the safety sheet using the personal protection equipment and recommended measures.
NOTE	In case of doubt consult our technical department.