

TECTOR® NATURAL BASE

Natural hydraulic lime-based rendering mortar^{GP}.
CSII-WO según EN-998-1



Description: Mortar with natural hydraulic lime binder NHL 3.5 and selected aggregates of particle size < 2.5 mm.

- It has a dual character:
- Airborne: Because of its calcium hydroxide content, the mortar absorbs CO₂ from the air to provide long-term strengths. They show excellent malleability and very little shrinkage.
- Hydraulic: Due to its dicalcium silicate content, it sets in the presence of water and develops short-term strengths. The low strengths it provides compared to cement make it suitable for use with delicate materials.
- 100% natural product permeable to water vapour.
- Colour to be defined by the customer according to range.

Presentation of the product :

- Tector® Natural Base is presented in 25kg paper sacks, palletised on pallets of 56 sacks. The pallets used are phytosanitary and are wrapped with a plastic cap to protect the product from inclement weather.
- Store the product under cover and in a dry place for a maximum of 12 months from the date of manufacture.



Date of manufacture and product detail printed on the sides of the bag

Recommendations:

Manual or mechanical application.

- For coatings thicker than 1.5 cm apply in two coats.
- Moisten the substrate beforehand.

- Conserve moisture by protecting surfaces from sun and wind.
- Do not apply on waterproofed, painted or plastered substrates.

- Substrates must be strong, sound and free of particles that hinder adhesion.

Instructions for use :

- In general, Natural Base mortar can be used for wall construction and wall cladding if a large wall thickness is required. As a general rule, the following points should be followed:

1: Check the suitability of the support.

2: In case of machine application, adjust water until a homogeneous, lump-free mass with the desired consistency is obtained. In case of manual application, ensure homogeneous mixing.

3: It is advisable to first apply a levelling layer to the substrate.

4: Apply uniformly, and then smooth to the desired thickness, leaving 1-4 mm depending on the desired finish (Tector® Natural system finished with Tector® Natural Liso or Tector® Natural ExtraLiso).

5: The number of possible finishes are numerous, ranging from rustic, smooth, striped, pitted, etc... Should you require further information, please do not hesitate to contact your LafargeHolcim representative.

Technical Data:

Kneading water	19%
Granulometry	< 2,5 mm
Consistency	175 ± 5 mm
Bulk density in paste	1.800 kg/m ³
Compressive strength at 28 days	< 5 N/mm ²
Water retention	> 90%
Water vapour diffusion coefficient	< 6 μ

Application:

For restoration and rehabilitation in:

- Masonry and grouting of old stones and bricks.
- Cladding and grouting of traditional or delicate materials (low temperature fired bricks delicate materials (low temperature fired bricks, sandstone, limestone...).
- Interior and exterior plastering.
- Pointing works.

For the construction of new buildings:

- In works within rustic or historic areas.
- Bio-construction.
- Where the natural colour of the aggregate is to be highlighted.

