



MALTA DA STILATURA

PREMIXED MORTAR FOR GROUTING OF FAIR FACED BRICKWORKS

MALTA DA STILATURA is a premix mortar for grouting of the joints of fair faced facade brickwork. It is made of natural hydraulic lime (NHL 3.5 according to EN 459-1:2010) with a typical light hazelnut color and limestone aggregates with a 0.0-0.6 mm granulometric curve. It has physical, chemical and aesthetic characteristics very similar to historical mortars. It can be used to renovate historical brickwork, to recover the fair faced facade, after removing plasters or useless cement plastering. It is an environmentally friendly and cement-free mortar: suitable for bio-construction and in general for quality building, for interiors and exteriors.



Technical data sheet

Use:

MALTA DA STILATURA is used for interiors and exteriors for grouting of fair faced facade and natural stones brickwork.

Surface preparation:

- The surface must be clean, compact: remove loose particles; remove dust, saline efflorescences, oil and parting compound residues by pressure washing and brushing the surface.
- The brickworks made of non-squared stones should be adjusted filling the bigger joints with brick shards and stone wedges laid in the fresh mortar. Joints deeper than 1 cm should be filled in advance. All preparatory work involving large thicknesses of mortar must be carried out 10-20 days before final grouting.
- Brittle bricks and loose stones must be replaced before grouting or consolidated with silicate based CONSOLIDANTE or other suitable restoration products (it is recommended to observe the recommended waiting times for the product used).
- Wet the surface before application (in particularly hot climates it is advisable to perform this process the evening before application).

Application:

Mix with mixer or by hand, for max. 3 minutes with the correct amount of water. Fill the joints with a trowel or inject them with special grouting machines.

The joints must be compacted and shaped, as they reach the optimal consistency, with grouting strikers and trowels.

It is recommended to keep the working area clean from mortar and to proceed with a brushing and possibly a light washing as soon as the mortar is hardened.

Any washing with detergents and/or buffered acids should be carried out only after 20 days from laying using specific products for cleaning stone.

It is advisable, however, to test the reaction of the cleaning product on a small portion of the wall and check, once dry, that there is no dripping or coating.

Compressive strength	CS 1 Category
Reaction to fire	A1 Class
Thermal conductivity	0.76 $\lambda_{10,dry}$ [W/mK] (tabulated value)
Grain size	0.0/0.6 mm
Mixing water	23 %
Bulk density	1600 kg/m³
Consumption per m ²	variable
Packaging	25 kg anti-humidity sack
Storage	in a dry place for up to 12 months

Warnings:

- Do not mix MALTA DA STILATURA with other products.
- Apply exclusively at room and wall temperatures between +5°C and +35°C in the absence of wind to avoid disintegration caused by frost, cracking or "burning" due to rapid water evaporation.
- The mortar thickness should be at least 5 mm but no more than 10 mm. Already kneaded mortar, once it begins to harden, can no longer be used.
- Do not attempt to lengthen the workability time by adding water: the consequence will be the deterioration of the mechanical performance.
- Not to be used as brickwork mortar or to build-up brickwork.
- Not to be used as an adhesive to mount coatings.



Caution:

The mechanical strength of the mortar and the final coloring are affected by the amount of water in the mixture and by the drying times. It is therefore recommended to check these parameters making sure to keep the amount of water used constant and protecting brickwork from frost and from rapid drying (cover with sheets, wet if necessary) for at least 2-3 days after application. Protect from heavy rain for 2 or 3 days from application, to prevent the washout of the uncured mortar, which would cause coating and dripping.