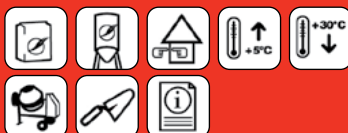




## MALTA MASTER

Special high performance masonry mortar, M5 class



### Product description

Dry premix, based on selected inerts, hydrated lime, hydraulic binder, eminently hydraulic lime and special additives.

### Supply and storage

MALTA MASTER is supplied in bulk, in a 22m<sup>3</sup> silo and in bags, on stretch pallets. Store in a cool, dry and non ventilated place. Keep packaging intact. Use before expiry date stated on the bag.

### Substrate preparation and application methods

The surface must be free from dust, efflorescence, oils and fats. When temperature is high, it is advisable to wet out the brick before laying.

For the application, operate as follows:

Prepare the dough by adding about 15 lt. of water x 100 kg of dry product: stir in drum and, if needed, add water to reach optimum consistency (for product delivered in bags), or adjust the water intake of the mixer to reach optimum consistency (for product delivered in silo).

Proceed with application after having placed alignment and lead weights, binding correctly each individual element.

# MALTA MASTER

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## Fields of application

MALTA MASTER is a masonry mortar that is used on all types of exterior and interior walls. Due to its high mechanical strength, it is suitable for load-bearing walls.

Thanks to its high workability, it is also used for small operations where a similar processing to the traditional mortar is required.

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## Specifications

The elements used for the elevation of the walls, both internal and external, like hollow bricks, concrete blocks, etc. must be carefully enticed with the premixed mortar MALTA MASTER from Fornaci Calce Grigolin, dry premix based on selected inerts, aerial and hydraulic binders and special additives to improve workability and grip.

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## Warnings

Do not mix MALTA MASTER with other substances. Avoid extreme changes in heat while hardening. The product must be protected from frost and rapid drying. Avoid using MALTA MASTER when temperatures are below +5°C or above +30°C. Wet surface before application. Do not apply onto frozen surfaces.

# MALTA MASTER

TECHNICAL DATA according to standard UNI EN 998-2	PERFORMANCE
Specific weight	1600 kg/m <sup>3</sup> free-fall deter.
Maximum diameter	3 mm
Pot life	2 h
Mixing water	15% approx.
Hygrometric withdrawal	0,45 mm/m
Minimum application thickness	0,5 cm
Chloride content	< 0,1%
Initial shear strength	0,15 N/mm <sup>2</sup> (tabulated value)
Mechanical resistance to flexion at 28 days	> 3 N/mm <sup>2</sup>
Mechanical resistance to compression at 28 days	> 7 N/mm <sup>2</sup>
Fire resistance	class A1
Water vapour permeability $\mu$	15/35 (tabulated value)
Thermal conductivity $\lambda$	0,82 W/mK (tabulated value)

v. 08/2024

I dati riportati si riferiscono alle prove di Controllo Qualità in condizioni ambientali normalizzate. Applicazioni pratiche di cantiere a seconda delle condizioni di esercizio possono rilevare dati sensibilmente modificati, pertanto le informazioni presenti nella Scheda hanno valore puramente indicativo in quanto l'utilizzatore deve sempre verificarne l'idoneità nell'impiego del prodotto assumendosi la responsabilità derivante dall'uso. Fornaci Calce Grigolin S.p.A. si riserva di apportare modifiche tecniche di qualsiasi genere senza alcun preavviso.