



# MEGAMALT F



## THE PRODUCT

### The mortar for every need

MEGAMALT F is one **Multi-purpose fibre-reinforced dry premixed mortar**, based on cement with moderate resistance to sulphates, selected calcareous aggregates and synthetic fibres, formulated according to the most established and traditional recipes, to be used for the installation of masonry. It can also be used for rendering concrete or rustic plaster.

MEGAMALT F can be used to erect walls in any material (bricks, concrete blocks, tuff or stone) and to create plasters, with the caveat that in this case it behaves similarly to traditional mortars.

## CHARACTERISTICS

### Repair, build, consolidate

MEGAMALT F is one **multipurpose mortar** which is used for **repair, build and consolidate** walls of any material (brick, concrete blocks, tuff or stone). MEGAMALT F can also be used to make plasters, with the caveat that in this case it behaves similarly to traditional mortars.

## HOW TO USE

The processing and application of MEGAMALT F are the same as those of a traditional mortar. Mixing can take place in common construction site concrete mixers, in screw mixers or, for small jobs, by hand. MEGAMALT F is a ready-to-use product: it must not be mixed with other products that could compromise its quality and resistance. Pre-mixing in the factory, according to a scientifically studied and tested recipe, offers sure guarantees of constant quality. The presence of particular additives and fibers gives the multipurpose mortar better workability and greater water retention. MEGAMALT F has a low resistance to the diffusion of water vapor and helps to eliminate problems due to thermal bridges such as condensation, mold and efflorescence.

## APPLICATION TIPS

It is necessary to carefully respect the water/MEGAMALT F ratio to avoid losses of mechanical resistance. Like all traditional mortars, fresh material is sensitive to frost: do not carry out walls with temperatures lower than around 5°C.

If MEGAMALT F is used as a traditional plaster mortar, it is recommended to wet the material of which the wall is made before installing MEGAMALT F.

## SPECIFICATION ITEM

Multipurpose mortar for masonry made with cement with moderate resistance to sulphates and selected M5 class limestone aggregates.



Composition masonry mortar  
prescribed class M5



The presence of fibers makes it suitable for building, repairing and consolidating walls of any material (bricks, concrete blocks, tuff or stone), also particularly suitable for the creation of plasters subject to strong tensions.

## SUPPLY AND STORAGE

In paper bags weighing 25 kg on pallets protected with an extendable hood. If supplied in bags, it is recommended to store MEGAMALT F in a dry place, possibly on wooden platforms. It is recommended to use it within a period of 3 months.

## MAIN TECHNICAL CHARACTERISTICS

MIXING WATER	23 - 28%
COLOR	Light grey
CONSUMPTION	13.5 per Kg/m <sup>2</sup> 1cm thick
GRANULOMETRY	< 2.5mm
APPARENT DENSITY	1.20 kg/litre
CHLORIDE CONTENT	0.0018%
28 DAYS COMPRESSION STRENGTH	> 9 MPa
28 DAYS FLEXURAL RESISTANCE	> 3.5 MPa
STARTING TIME AT 20°C	3 - 4 hours
REACTION TO FIRE (EN 13501 - 1:2002)	Class A1
DIFFUSION RESISTANCE FACTOR OF STEAM (EN 1015 -19)	μ 5/20
THERMAL CONDUCTIVITY COEFFICIENT (λ10, DRY)	0.60 W/mK (tabulated value)
ADHERENCE	2.0 MPa
WATER ABSORPTION	0.76 [kg/(m <sup>2</sup> X min <sup>0.5</sup> )]
DURABILITY (FREEZE/THAW)	NPD
APPLICATION TEMPERATURE	From + 5°C to + 35°C

The indicated times, referring to 20°C and 50% RH, are longer at lower temperatures and shorter at higher temperatures.

WARNING - The indications and prescriptions reported above correspond to our experience and are to be considered, in any case, purely indicative; furthermore they must be confirmed by exhaustive practical applications; therefore, before using the product, anyone who intends to use it is required to establish whether it is suitable for the intended use and in any case assumes any responsibility that may arise from its use.