

# LAFAC

ÁRIDOS Y CEMENTOS



## Mortar M 5 Dry

### Product codes:

Reference: 803

Apparent density:  $> 1,3 \text{ g/cm}^3$

Compression resistance according to type:  $> 5 \text{ N/mm}^2$

Reaction to fire: Clase A1

Water absorption by capillarity: No disponible

Chloride content:  $< 0,10\%$

Water vapor permeability:  $\mu 15/25$

Thermal conductivity:  $0,67 \text{ W/mK}$

Durability: Benefit not determined and not declared

Dosage: 1:6

Dry mortar manufactured according to Standard 998-2 (Masonry Mortars) designed for use in general masonry work indoors.

Manufactured with Type I / 42.5 R cement, limestone aggregates and inorganic additives.

### TYPES



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M-5 Gray

M-5 with Cal

## PRESENTATION

25 kg bags (approx.)

Pallets 56 bags

Big Bags 1 Tm

## USES AND APPLICATIONS

Brick factories

Placement of exposed work.

Laying Block flooring (cement adhesive backing layer).

And all kinds of masonry work in general, carried out indoors or outside protected.

## PREPARATION

The mortar type M-5 packed in bags is prepared in a concrete mixer. Add 3.2 liters of water for each bag of mortar (0.125 liters / kg). Depending on the application, it can be up to 3.5 liters (0.14 liters / kg of mortar).

The support must be clean and damp. Do not apply to paint, plaster or breakable



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surfaces.

Spread the paste on the support or piece with the help of a trowel or trowel depending on the application

A soft consistency between 170 and 180 mm of runoff is recommended.

The mortar use time in optimal conditions is 90 minutes, depending on the weather.

It is recommended not to use them when it is expected that the temperatures in the setting process could exceed 40 °C or the temperature could drop below 4 °C.

## STORAGE

Covered and dry rooms, avoid humidity environmental areas.

Properly stored material can be used for up to one year from the date of manufacture.

## SAFETY

This product contains cement. Avoid contact with eyes and skin, as well as inhalation of dust.

Wear protective gloves and goggles.

Keep out of the reach of children.

## RESISTANCES



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Compressive strength following the indications of the UNE EN 1015-11 test standard at 28 days is 7.5 N / mm<sup>2</sup>.

Note: The recommended water for a 175 mm runoff according to UNE EN 1.015-3, is 0.125 liters per Kg of mortar

## FEATURES

Cement: Type I / 42.5 R

Sands: 0/2 mm, limestone from crushing.

Sand: 0/1 mm, limestone from crushing.

Additives: Inorganic.

## QUALITY

The M-5 type mortar is manufactured according to the UNE EN 998-2: 2016 standard (mortars for Masonry), complying with all the parameters indicated in annex Z1 of said standard.

The test standards used to control manufactured mortars are the following:

UNE EN 1015 -1 "Granulometric Composition"

UNE EN 1015 -2 "Collection of mortar samples"

UNE EN 1015 -3 "Value of runoff by shaking table"



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UNE EN 1015-11 "Compression resistance value of mortars"

The data provided is based on tests carried out in our control laboratory and contrasted with laboratories accredited by the Generalitat de Catalunya.

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Productos LAFAC SL guarantees that it complies with the values published in this product technical sheet.

All Mortars Manufactured by PRODUCTOS LAFAC, SL are made under the CE Conformity Certificate No.: 1170 / CDP / MR / .00076



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