

**.SEC**

Ref.	Description
L402	M2.5 NORMAL MORTAR
L412	M2.5 WATER-REPELLENT MORTAR
L400	M5 NORMAL MORTAR
L410	M5 WATER-REPELLENT MORTAR
L403	M7.5 NORMAL MORTAR
L413	M7.5 WATER-REPELLENT MORTAR
L404	M10 NORMAL MORTAR
L414	M10 WATER-REPELLENT MORTAR
L405	M15 NORMAL MORTAR
L415	M15 WATER-REPELLENT MORTAR
L420	M5 NORMAL SPECIAL FACE
L421	M5 WATER-REPELLENT SPECIAL FACE
L422	M7.5 NORMAL SPECIAL FACE
L423	M7.5 WATER-REPELLENT SPECIAL FACE

Available in the following colours: GREY/WHITE/CREAM/ETC. (check the colour palette with our sales department)

## DESCRIPTION

- Dry mortar for Masonry based on cement (according to RC-08), hydrated lime (CL 90-S UNE-EN 459), aggregates and chemical additives, specific to build brick walls.
- It has the compulsory **CE** marking, by virtue of that stated in Directive 89/106/CE on construction products and in accordance with standard UNE-EN 998-2.



## FIELD OF APPLICATION

- Can be used for:
  - Building walls with all types of piece: clay bricks, concrete blocks, etc.
  - **PREFASEC® WATER-REPELLENT MASONRY** is recommended for applications requiring low water absorption mortar.

- **PREFASEC® SPECIAL FACE MASONRY** is recommended for face applications (mortar specially designed with a finer finishing).

## PROPERTIES

- Great plasticity.
- Good adherence.
- Great workability.
- Excellent mechanical strength.
- Water repellency (in the case of water-repellent mortar): reduced water absorption as opposed to that of normal mortar (see technical characteristics).
- Can be supplied with special additives on demand: fibres, antifreeze, antibacterial, etc.

## METHOD OF USE

### Support Preparation

- Must be clean from dust, loose particles, plaster, paint remains, grease, etc.
- In the case of porous, very absorbent or dried up pieces or supports, these must be moistened previously, without soaking them, to enable the adherence and correct curing of the mortar.
- The support must be stable and resistant.

### Product Kneading

- Knead with approximately 14% of water (3 ½ litres of water per 25 kg sack).
- Knead with a mechanical mixer – recommended – (at low revs) or manually until achieving a homogeneous mass without lumps.
- Leave to settle for 5 minutes before applying.

### Product Application

- Spread the product over the piece with a trowel.
- The amount applied will depend on the size of the piece placed.

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## RECOMMENDATIONS AND PRECAUTIONS

- Application temperature will be between 5 and 30°C.
- It is convenient to moisten the support at temperatures over 20°C.
- Avoid freezing, strong winds and exposing to intense sunlight application.
- Never apply on surfaces with extreme temperatures.
- Must be used mixed exclusively with water. Any other addition (aggregates, additives, etc.) may modify the behaviour and characteristics of the product.

## CONSUMPTION

- The consumption will depend on the thickness applied and on the shape and size of the piece placed.

## SAFETY AND HYGIENE

- This product contains cement. Cement is an irritant to the eyes, respiratory paths and mucous membranes.
- The paste gives a high pH when mixing the product with water. Therefore, it may irritate the skin in the case of prolonged contact, causing lesions to the eyes in the case of projections.
- Avoid contact with the skin and mucous membranes.
- No smoking, eating or drinking in the premises where the product is used.
- Avoid dust dispersion.
- The appropriate individual protection equipment for each case will be used.
- Persons with sensitive skin backgrounds should not handle this product.
- For more information check the file Product Safety Data File.

## TECHNICAL CUSTOMER SERVICE

- It is recommended the appropriate product is used for each application in accordance with the Technical File.

- Please check with our Technical Customer Service in the case of any doubt regarding the selection, handling or application of the different products.
- Our Technical Department will deal with and study each case if it were necessary to use a specific product, according to the use, colour, specifications, etc., or for placing special pieces or formats.

## SUPPLY

- 25 kg paper sack with plastic film.
- Special pneumatic transport silos, refillable on site by means of tanker trucks.
- Gravity silos with mixer attached at the base, refillable on site by means of tanker trucks.

## STORAGE AND CONSERVATION

- The product maintains its characteristics in a dry place protected from freezing, humidity, direct sunlight, etc.:
  - Sack: 12 months.
  - Silo: 3 months



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**TECHNICAL CHARACTERISTICS**



**BASIC CHARACTERISTICS – CE MARKING EN 998-2**

Specification	Value					Test Method
Reaction to fire	Clase A1					Decisión 96/603/CE
Chloride content	< 0.1 %					UNE-EN 1015-17
Steam permeability	μ 15/35					UNE-EN 1745
Thermal conductivity (λ <sub>10, dry</sub> )	≤ 0.83 W/m·K					UNE-EN 1745
Initial shearing resistance	0.15 N/mm <sup>2</sup>					UNE-EN 998-2 (Anexo C)
Compression strength N/mm <sup>2</sup>	<b>M2.5</b> ≥ 2.5	<b>M5</b> ≥ 5.0	<b>M7.5</b> ≥ 7.5	<b>M10</b> ≥ 10.0	<b>M15</b> ≥ 15.0	UNE-EN 1015-11
Water absorption	<b>NORMAL</b> ≤ 1.50 kg/m <sup>2</sup> ·min <sup>0.5</sup>		<b>WATER-REPELLENT</b> ≤ 0.20 kg/m <sup>2</sup> ·min <sup>0.5</sup>			UNE-EN 1015-18

**OTHER TECHNICAL DATA**

Specification	Value	Test Method
Apparent dust density	1.4 ± 0.1 g/cm <sup>3</sup>	NLT-157/94
Approximate water for kneading	14%	-

**NOTE:**

*Dosage and application outside that described in this file will exclude our responsibility regarding the product and its application.*

*The results stated were obtained in tests performed under standard conditions and may vary in terms of on site installation conditions.*

*Please contact our Technical Department for more information.*

*All the product application indications are based on our current experience and knowledge, with the client being responsible for the final study for on site installation.*



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