

# CORK MASONRY

LIGHT MORTAR WITH CORK AGGREGATES FOR MASONRY LAYERING

TC.E.073.1 EN

## 1. DESCRIPTION

The **CORK Masonry** is a dry mortar formulated with hydraulic binders, calcareous and siliceous aggregates, light cork aggregates and additions, for use in the execution of masonry elements with thermal and acoustic performances. It is specially designed for manual and mechanical application.

## 2. FIELD OF APPLICATION

The light **CORK Masonry** mortar is specially indicated in the raising of masonry walls of thermal and acoustic performances, of ceramic bricks and cement blocks.

## 3. PRODUCT CHARACTERISTICS

PRODUCT IN POWDER	Value	Norm
Density (kg/m <sup>3</sup> )	700 ± 50	-
PRODUCT IN PASTE	Value	Norm
Mixing water (%)	40,0 ± 1,0	EN 1016-3
Air Content (%)	40	EN1015-6
HARDENED PRODUCT After 28 days	Value	Norm
Density (kg/m <sup>3</sup> )	900 ± 50	EN 1015-17
Resistance to compression (N/mm <sup>2</sup> )	-	EN 1015-11
Resistance to binding (N/mm <sup>2</sup> )	-	EN 1015-11
Elasticity Module (N/mm <sup>2</sup> )	-	BS 1881-5

### Restrictions

Once the **CORK Masonry** is a hydraulic mortar, it must not be applied at ambient temperatures below 5°C or above 30°C. Its setting time 28 days.

### Additional Advice

- The mixing water must be free of any impurities (clay, organic material), preferably potable water;
- No mortar should be applied after its setting and drying process has initiated. No water should be added to soften the mortar.
- Do not add any other product to the mortar. The **CORK Masonry** mortar must be applied exactly how it is presented in its original package.

### Theoretical Consumptions

Theoretical consumptions in kg/m <sup>2</sup> of brick/ cm joint thickness				
Brick	Joint thickness (cm)			
	1,0	1,5	2,0	
7	19	28	37	
11	29	44	59	
15	40	60	80	
22	59	88	117	

## 4. APPLICATION

### Preparing the mortar

The **CORK Masonry** mortar must be mixed in specific equipment, with an automatic water dosing system.

### Application

The application of the **CORK Masonry** mortar is done in the same way as a traditional mortar, dismissing any special procedure or care, besides those required by the good practices of application.

## Secil Argamassas

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## 5. PACKAGING AND VALIDITY

### Packaging

In 30 kgs paper bags, on plasticized pallets.

### Validity

As long as the packaging conditions are maintained, in storage away from extreme temperatures and humidity, the product has a time period of validity of 6 months.

- ▶ In case of contact with eyes, wash immediately and abundantly with water, and seek medical advice;
- ▶ Use protective garments and adequate gloves;
- ▶ Keep away from children.

*Once the application conditions of our products are beyond our reach, we will not be held responsible for its incorrect usage. It is the client's duty to verify the suitability of the product for the predicted use. In any case, our responsibility is limited to the value of goods supplied. The information shown on this file may be changed without previous notice. In case of doubt and if you should need any additional information, please contact our technical services.*

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## 6. HYGIENE AND SAFETY

(DOES NOT DISMISS CONSULTATION OF THE PRODUCT'S SAFETY FILE)

- ▶ May cause irritation of the eyes, skin and respiratory tract;
- ▶ May cause sensivity in contact with skin;
- ▶ Do not inhale the powder;
- ▶ Avoid contact with eyes and skin;



DESIGNATION: CORK Masonry  
REFERENCE NORM: EN 998 - 2

YEAR: 11

Predicted Use: Masonry layering

General Performance Mortar (G)

Produced by Secil Martingança, S.A., which Quality management System is certified by APCER with the nº2003/CEP.2132

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