

ECOCORK MASONRY

LIGHT MASONRY MORTAR, WITH INCORPORATION OF CORK

1. DESCRIPTION

ECOCORK MASONRY is a light mortar formulated from cork aggregates incorporating hydraulic binders, limestone and siliceous aggregates and additions.

With the use of cork in the formulation, *ECOCORK MASONRY* is in a new level of sustainable construction products with an ecological aspect to it. In addition, this mortar contributes to the improvement of thermal and acoustic insulation of the construction elements where it is applied.

2. FIELD OF USE

ECOCORK MASONRY light mortar is especially suitable for masonry walls made of ceramic bricks or concrete blocks, with improved thermal and acoustic behaviour, as well as current masonry. *ECOCORK MASONRY* is intended for elevation of walls intended to be covered and preferably made of brick or blocks at least 25 cm thick.

ECOCORK MASONRY is a mortar applicable by traditional techniques but intended for mechanical application.

3. PRODUCT CHARACTERISTICS

Paste product	Value	Standard
Mixing water	34,0 % ± 1,0 %	-
Granulometry	< 3,5 mm	EN 1015-1
Hardened product	Value	Standard
Compressive strength	≥ 5,0 N/mm ²	EN 1015-11
Flexural strength (28 days)	≥ 1,0 N/mm ²	EN 1015-11
Volume mass	900 ± 100 kg/m ³	EN 1015-10
Elastic modulus	≤ 3 GPa	BS 1881-5
Reaction to fire	Class A1	EN 998-1
Thermal Conductivity	0,21 W/(m.°C)	EN 12667

4. APPLICATION

a) Preparation of mixture

ECOCORK MASONRY must be mixed in continuous mixing equipment with automatic water dosing.

b) Application

Application of *ECOCORK MASONRY* is carried out according to traditional techniques, without the need for any special procedure or care besides the necessary good practices in the process.

c) Restrictions

Because *ECOCORK MASONRY* is a hydraulic mortar, it should not be applied at ambient and substrate temperatures below 5 °C and above 30 °C. Its curing time is 28 days.

d) Complementary Advices

The mixing water must be free of any impurities (clays, organic matter, etc.) and drinking water should be preferably used.

No mortar that has started its open time should be applied. Do not soften mortars by adding water after preparation.

Do not add any other products to the mortar. *ECOCORK MASONRY* should be applied as it is shown in its original packaging.

e) Theoretical consumption

Table of consumption in kg/m ² of brick/mm of joints thickness			
Brick	Joints thickness (mm)		
	10,0	15,0	20,0
7	7,8	11,8	15,7
11	12,3	18,5	24,6
15	16,8	25,2	33,6
22	24,6	37,0	49,3

ECOCORK MASONRY

LIGHT MASONRY MORTAR, WITH INCORPORATION OF CORK

SECIL TEK

DÁ FORMA ÀS IDEIAS

5. PACKAGING AND VALIDITY

Packaging

12 kg paper bags in plasticized pallets of 54 bags.

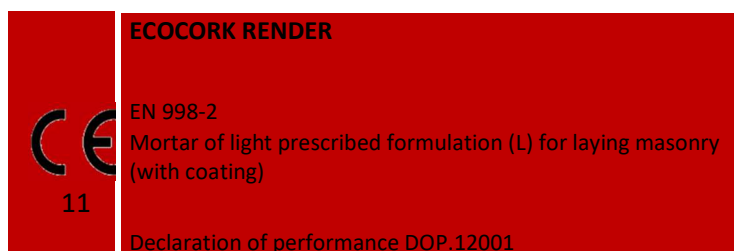
Validity

12 months provided the conditions of the original packaging remain unaltered and in good storage conditions, protected from extreme temperature and humidity.

6. HEALTH AND SAFETY

(DOES NOT REPLACE CONSULTATION OF THE PRODUCT SAFETY DATA SHEET)

- Irritating to eyes, respiratory system and skin;
- May cause sensitization in contact with skin;
- Do not breathe dust;
- Avoid contact with skin and eyes;
- If it comes in contact with eyes, rinse immediately and abundantly with water and seek a specialist advice;
- Use protective clothing and appropriate gloves;
- Keep out of children's reach.



Being the conditions of applying our products out of our reach we do not take responsibility for its misuse. It is the customer's duty to verify the suitability of the product for the intended purpose. In any case, our responsibility is limited to the value of the goods supplied by us. The information contained in the present data sheet may be altered without prior notice. In case of doubt and if you need any further advice please contact our Technical Services.

Revision of April 2024
FT 12003.05