

# CERMIBLOCK EXTRA

## CEMENT-BASED, GAS CONCRETE MASONRY MORTAR



Grey

- *Easy and fast application*
- *Long working time*



## PRODUCT INFORMATION

### WHERE TO USE

• Bonding and knitting of building materials such as gas concrete, pumice block, brick, etc.

### GENERAL FEATURES

|                |   |
|----------------|---|
| <b>Nature</b>  | : Powder product containing high quality cement, application facilitating additives |
| <b>Colour</b>  | : Grey  |
| <b>Density</b> | : $1.2 \pm 0.05 \text{ g/cm}^3$   |

### TECHNICAL CHARACTERISTICS (\*)

#### Tensile strength

|                           |  |
|---------------------------|--|
| - Initial (after 28 days) | : $\geq 0,5 \text{ Mpa (N/mm}^2\text{)}$ |
| - After heat ageing       | : $\geq 0,5 \text{ Mpa (N/mm}^2\text{)}$ |
| - After water ageing      | : $\geq 0,5 \text{ Mpa (N/mm}^2\text{)}$ |
| - After freeze-thaw cycle | : $\geq 0,5 \text{ Mpa (N/mm}^2\text{)}$ |
| - Open time               | : $\geq 0,5 \text{ Mpa (N/mm}^2\text{)}$ |

(after 30 minutes)

**Temperature resistance** : -15 °C - +70 °C

**Fire resistance class** : A1 (TS EN 13501 – 1)

(\*) These values are results of laboratory tests and they are performance values recorded 28 days after the finished applications. The values may vary because of different site conditions.

### STANDARDS AND DOCUMENTS

- Conforms to TS EN 12004-1 standard.
- Public works pos. No. : 10.330.3302

### CONSUMPTION

• Average  $1.5 \text{ kg/m}^2/\text{mm}$  (Proportions according to the block thickness and the comb size to be selected accordingly.)

### PACKAGING

- In kraft bags, 25 kg, (48 pcs / 1200 kg per palette)

### STORAGE

- Maximum 10 kraft bags can be stacked on each other.
- It should be stored in moisture-free, dry warehouses which are well-protected against external weather conditions.
- Shelf life is 1 year under appropriate storage conditions.
- Opened packages should be stored as tightly sealed.



Interior –  
Exterior



Surface  
Inspection



Application  
Temperature



Homogeneous  
Mixture



Application with  
Notched Trowel

## APPLICATION

### APPLICATION PROCEDURE

**Mixture ratio:** 5.5 – 6.5 l water for 25 kg powder product

**Time for use of mixture (Pot life):** 1 hour

**Application temperature:** +5°C to +35°C

### SUBSTRATE PREPARATION

- The application surfaces must be free from dust, dirt, oil, etc. and must be dry, smooth and sound.
- In order to eliminate the irregularities on the ground, the first row should be brought to the scale and knitted, this process is not necessary for the other rows.

### APPLICATION

- Slowly add 25 kg of **CERMIBLOCK EXTRA** to 5.5 - 6.5 l (22-26%) of clean water and mix with a low-speed mixer until it becomes homogenous and free of lumps.
- Allow the mixture to rest for 5 minutes, then stir again for 1-2 minutes prior to application.
- The **CERMIBLOCK EXTRA**, which spreads well on the surface with the flat side of the notched steel trowel, must then be combed upon the desired notch thickness.
- While walling, maximum 3 mm width joint gaps should be left in horizontal and vertical, and it should be ensured that these gaps should not be filled with adhesive.
- Aerated concrete adhesive process should be performed on the applied mortar within 10-15 minutes.
- After the bonding process is completed, plaster application can be started.



### RECOMMENDATIONS

- After application, the surface should be protected from contact with water for at least 24 hours.
- It should not be applied in case of freezing risk or on overheated surfaces, under direct sunlight and in high winds.
- Products with petrification detected after opening should not be used.

### SAFETY INSTRUCTIONS

- As it is cement based, do not inhale and avoid of its contact with skin and eyes.
- It is recommended to use appropriate work equipment (gloves, goggles, mask, knee pads, etc.) during application of the product.
- For more detailed information please read the Material Safety Data Sheet (MSDS).

**Note:** Technical values and application instructions are valid under ambient temperature of 23°C with relative humidity 50% and they are the results of our tests and experience in accordance with international standards. Our company is not responsible for any errors that may occur if the instructions and recommendations specified in the technical data sheets are not followed.

**CERMIX**

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Head Office  
Koramic Yapı Kimyasalları San. Tic. A.Ş.  
E-5 Karayolu Üzeri, Şifa Mah. Hükümet Cad.  
Tuzla 34941 İstanbul / TÜRKİYE  
Phone: +90.216.423 34 33 • Fax: +90.216.423 53 63

Bozüyük Factory  
Bozüyük Organize San. Böl. 10. Cad.  
106 Ada / 5 Parsel No: 3 Bozüyük - BİLEÇİK / TÜRKİYE  
Phone: +90.228.314 63 00  
Fax: +90.228.314 63 00

Tarsus Factory  
Huzurkent Tarsus Organize Sanayi Bölgesi  
13. Cadde No: 10 Tarsus - MERSİN / TÜRKİYE  
Phone: +90.324.676 40 41-676 42 32-676 44 49  
Fax: +90.324.676 40 47