



## Aerated Concrete, Brick Adhesive Mortar

### Product Description

Ready-made mortar used for masonry with cement-based, aerated concrete, brick materials.

### Areas of Use

- It is used for building walls with building elements such as gas concrete and brick with high water absorption rate.
- It is suitable for leveling of wall surfaces and filling of gaps and cracks.

### Application Surfaces Indoors and Outdoors;

- Gas concrete,
- Brick.

### Advantages

- It has high adhesion strength.
- It can be easily trowellable.
- It saves time and labor

### Preparation of the Surface

Before application, the surface should be cleaned from mold oil, paint, dust and adhesive reducing agents.

### Preparation of Mortar

- Gas Concrete, Brick Mesh Mortar is preferably mixed with electric mixer.
- While preparing 6-7 lt water and 25 kg bag mortar; the plastic container is filled with water, then aerated concrete adhesive is added and mixed.
- Wait for 5 minutes then mix again.

### Application Details

- The prepared mortar is applied on horizontal and vertical surfaces by combing.
- The placed gas concrete block is seated by



malleting from the top and from the side.

- During the knitting process, the combination of columns and curtains into gas concrete blocks should be provided with gas concrete adhesive.
- The first row should be knitted with cement-ed mortar in its scales.
- Gas concrete block surfaces must be moistened with water before application.
- The first row of gas concrete blocks are made by wetting the lower and side surfaces in contact with the building mortar with water.
- There is no need to soak the gas concrete block in the knitting of the other rows.
- Gas concrete adhesive is applied to the surface with a trowel or a 10x10 wide scalloped trowel.
- During the application, horizontal and vertical joints should be maximum 3 mm.

### Brick Size

20x50x20 cm  
20x70x20 cm  
30x50x15 cm  
30x50x20 cm  
30x70x20 cm

### Consumption

5 - 6 kg / m<sup>2</sup>  
6 - 7 kg / m<sup>2</sup>  
3 - 4 kg / m<sup>2</sup>  
4 - 5 kg / m<sup>2</sup>  
5 - 6 kg / m<sup>2</sup>

### Aerated Concrete Block Width (cm)

8,5  
9  
10  
12,5  
13,5  
15  
17,5  
19  
20  
22,5  
25  
27,5  
30

### Consumption (kg/m<sup>2</sup>)

2  
2  
2,5  
3  
3  
3,5  
4  
4,5  
5  
5  
6  
6,5  
7

### Application Limit

- It cannot be applied on wood surfaces, metal surfaces, painted and damp surfaces.
- Do not go beyond the specified application surface and instructions for use.

### Application Requirements

- The ambient temperature should be between +5 °C and +35 °C.
- It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
- It should not be applied under direct sun, strong wind or on hot surfaces.
- No materials (lime, cement, gypsum, etc.) should be added to the prepared mortar.
- Expired mortars should not be mixed with water or dry mortar and used again.

### Application Tools

- Hand mixer, Notched trowel, Mallet

### Warnings & Suggestions

- The expired or crusty mortar in the container should be disposed of.
- Open packaging should be consumed within 7 days.
- After application, all tools used should be washed with water before drying.

### Technical Data

Technical Information is relative to 55% ( $\pm 5$  °C) relative humidity environment at 23 °C ( $\pm 2$  °C).

Appearance	Gray Colored Fine Powder
Powder Density	1.65 kg/Lt. ( $\pm 0.15$ )
Water Mixture Ratio	6-7 Lt. water / 25 kg. Powder
Resting Time	5 minutes
Container Life Usage	Approximately 2 hours
Time Compressive	Max. 2 hours
Strength Fire	$\geq 10 \text{ N/mm}^2$ (28 days) (M10)
Fire Response Class	A1



#### Consumption

look at consumption table.



#### Packaging

25 kg. Kraft bag



#### Shelf Life

1 year from the date of production in drought and dry environments



#### Color

Gray