

ARKIM ARBLOCK/1311

Definition

It is a cement-based, high-adhesive gas concrete mesh mortar with enhanced bonding adherence.

Application area

-It is used for laying elements with high water absorption such as gas concrete and brick.

App features

- Usability time max. 5 hours
- Working time max. 50 minutes
- Fixing time max. 30 minutes

Surface preparation

- The surfaces on which ARKIM ARBLOCK will be applied must be free of dust, dirt, oil, etc. It should be cleared of residues that will prevent sticking, such as
- The application surface should be moistened with water if necessary.
- In order to correct the irregularities on the floor, the first row should be knitted with classical mortar. It is not necessary to do this for knitting other rows.

Application conditions

- Ambient temperature between +5 °C and +35 °C,
- It should not be applied on frozen, melting or frost risk surfaces within 24 hours.
- It should not be applied under direct sun, strong wind or on hot surfaces.
- During the application, care should be taken to form a film on the surface of ARKIM ARBLOCK. If it does, it should be re-carded.

Warnings and Advice

- Absolutely no foreign substances should be added.
- Expired or crusted mortar in the container should be discarded.
- After the application, all the tools used should be washed with water before they dry.

Application tools

Hand mixer, trowel, rubber hammer, toothed steel trowel

Application

- The container in which the mortar will be prepared must be clean and free from the residues of the previous mixture.

Attention should be paid to the cleanliness of the water and materials used.

-The mortar should be prepared at the rate of ARKIM ARBLOCK to 6-6.5 liters of water .25 kg

-Water is poured into the container first, and then the powder is gradually sieved. It is mixed until a homogeneous mixture is obtained.

-A low speed mixer should be used to make the mixture homogeneous.

-After obtaining a homogeneous mixture, it is rested for 5-10 minutes for the mortar to mature. It should be mixed again for 1-2 minutes before starting the application.

- After the mixture becomes homogeneous, no powder, water or any other substance should be added.

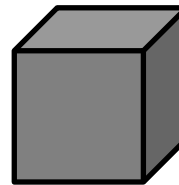
-The adhesive should be spread over the entire surface and applied in the same thickness by combing with a 10 x 10 mm comb.

- While knitting, care should be taken to leave the joint with the maximum 3 mm width horizontally and vertically, and it should be paid attention that the joints are completely filled with adhesive.

-The bonding process should be done within 10-15 minutes on the combed mortar.

-The prepared mortar should be consumed within 5 hours.

Consumption



A(cm)	B(cm)	C(cm)	Consumption (kg/m ²)
20	50	20	5-8
20	70	20	5-7
30	50	15	3-5
30	70	15	3-4
30	50	20	4-6
30	70	20	4-6

Performance Information

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- Compressive strength $\geq 10 \text{ N/mm}^2$
- Adhesive strength: $\geq 0.15 \text{ N/mm}^2$ (table value)
- Water absorption coefficient: $\leq 0.5 \text{ kg/m}^2 \cdot \text{min}^{0.5}$
- Dry volume density of hardened mortar: $1450 \pm 300 \text{ kg/m}^3$

- Thermal conductivity: 0.54 W/mK
- Determination of workability time ≥ 30 minutes
- Determination of chloride: $\leq 0.1\%$
- Determination of air content: $20 \pm 2 \text{ kg/m}^3$

Note: The application properties are provided as a result of experiments carried out in a laboratory environment ($23 \pm 2^\circ \text{C}$ and $50 \pm 5\%$ humidity and no air flow) and may vary according to different ambient conditions. Performance information has been tested in the environments specified in accordance with the relevant standard of the product, and results may differ in different environments.

- **Reference Standards**

- TS EN 998-2 /T
- CE
- Public Works Pos No: 04.478

- **PACKAGING**

- 25 kg Kraft bag,
- 64 pieces per pallet, 1600 kg

- **Physical state**

- Gray, powder

- **Storage Conditions**

- Care should be taken to place a maximum of 10 layers of kraft bags on top of each other during storage.
- Storage should be done indoors and in areas away from direct sunlight.
- The bags should be stored in such a way that they do not touch the ground and be protected from moisture.
- Under these conditions, the product can be stored for 12 months from the date of manufacture.
- Improper storage conditions or exceeding the period of use may deteriorate the qualities of the product.