

Cement Based Plasters and Bonding Mortars / Cement Based Bonding Mortar

FIXA

Pumice - Brick Bonding Mortar

DESCRIPTION

Cement based, single component, polymer added adhesive mortar with high adhesion properties for **pumice** and **brick**.

APPLICATION AREAS

- Indoor and outdoor,
- Masonry works with pumice blocks, concrete blocks, and bricks.

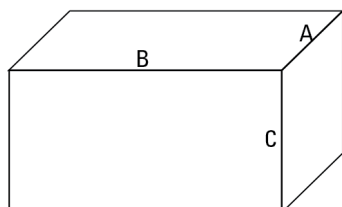
TECHNICAL PROPERTIES

Appearance	Gray colored granule
Powder Density	~ 1,55 kg/L
Water Mixing Ratio	4 – 5 L water / 25 kg powder
Resting Time	5 – 10 minutes
Pot Life	~ 3 hours
Application Temperature	Between +5°C and +35°C
Compressive Strength	10 N/mm ² M10 (EN 1015-11)
Service Temperature	Between -20°C and +70°C

ADVANTAGES

- Saves material, labor, and time compared to traditional mortars.
- Prevents thermal bridge formation with thin joint application.
- Provides long working time.
- Has easy mixing and workability properties.
- Provides advantages in both horizontal and vertical applications.

CONSUMPTION



A (cm)	B (cm)	C (cm)	Consumption (kg/m ²)
9	39	24	5.5 – 7.5
14	49	24	6.5 – 8.5
19	49	24	7.5 – 9.5
24	49	24	11.5 – 13.5
9	39	19	4.5 – 6.5

PACKAGING

25 kg kraft bags

APPLICATION

PREPARATION OF THE SURFACE

- The surface must be clear of materials that prevent bonding, such as dust, oil, tar, paint, silicone, curing materials, detergents and mold oils.
- Eliminate the ground defects before the first row of pumice and brick application.
- The absorbency and structural integrity of the application surface should be verified prior to application.

PREPARATION OF THE MORTAR

- Add 25 kg of FIXA Pumice – Brick Bonding Mortar in approximately 4 – 5 L of clean water and mix with a low speed mixer until it is homogenous.
- Let the mortar rest to mature for 5 minutes and mix again 1 – 2 minutes before use.
- Use the material within 3 hours.

APPLICATION

- Apply the mortar to the horizontal and vertical surfaces of the blocks using a trowel.
- Fill the side joints of pumice, concrete masonry, or brick blocks completely with adhesive without gaps.
- Fix the material by hitting with a mallet from the top and side.
- During the masonry work, also bond the junctions between the columns/walls and the masonry units using FIXA Pumice – Brick Bonding Mortar.
- After application, remove any excess mortar with a damp sponge. Discard the mortar that has exceeded its pot life or has begun to form a skin in the container.

CAUTION

- Avoid application in temperatures below +5°C and above +35°C.
- Do not add water or powder to the expired mortar. Use the mortar in 3 hours.
- The blocks should be placed onto the combed masonry mortar within 4 minutes.
- If this time is exceeded, the material should be scraped off the surface.
- Do not add any additives other than water (such as lime, sand, or cement) to the material under any circumstances.
- Protect the product from external influences (sun, wind..) until it has set.
- Avoid application in areas that are frozen, at risk of freezing within 24 hours, or in areas open to direct sun and wind.

SHELF LIFE

Expires in 12 months. Store unopened packages in dry environments. Stack maximum 10 packages on a pallet.

HEALTH AND SAFETY

As with all chemical products, avoid contact with food products, skin, eyes and mouth during use and storage. During the application, use work clothes, protective gloves and glasses in accordance with the occupational and worker health rules. Consult a doctor if accidentally swallowed. In case of contact with skin, rinse with water. Store out of the reach of children.

The application instructions and technical values given for the products have been obtained in accordance with our tests and experiences in accordance with international standards at 23±2°C temperature and 50±5% relative humidity conditions. These values may vary depending on ambient conditions. High temperatures shorten the times, low temperatures lengthen them. Before starting the application, the user should test whether the product is suitable for the application and purpose. FIXA Construction Chemicals Ltd. is not responsible. This Technical Data Sheet remains valid until the next revision is published. FIXA reserves the right to change the values specified in this Technical Data Sheet, provided that the new version is published. It is the user's responsibility to check that the document is up-to-date. Please contact our sales department for more information.