

Cement Based Plasters and Bonding Mortars / Cement Based Bonding Mortar**FIXA®****Gas Concrete Bonding Mortar****DESCRIPTION**

Cement based, single component high performance gas concrete bonding mortar with chemical additives.

APPLICATION AREAS

- Indoor and outdoor
- Bonding construction elements with high water absorption, such as gas concrete and brick.

TECHNICAL PROPERTIES

Appearance	Grey colored fine powder
Powder Density	~ 1.45 kg/L
Water Mixing Ratio	7.5 - 8 L water / 25 kg powder
Resting Period	5 - 10 minutes
Pot Life	~ 2.5 hours
Application Temperature	Between +5°C and +35°C
Compressive Strength	M10; $\geq 10 \text{ N/mm}^2$ 28 days (EN 1015-11)
Service Temperature	-20°C / +70°C

ADVANTAGES

- Easy to apply
- Resistant to water and frost
- Respond to the water absorption characteristics of the gas concrete and does not dry quickly.

CONSUMPTION

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

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 aerated concrete, pumice and brick application.

PREPARATION OF THE MORTAR

- Add 25 kg of FIXA Gas Concrete Bonding Mortar in approximately 7.5 – 8 L of clean water and mix with a low speed mixer until it is homogenous.
- Let the mortar rest to mature for 5 – 10 minutes and mix again 1 – 2 minutes before use.
- Use the material within 2.5 hours.

APPLICATION

- Spread the mortar on the surface.
- Apply to the intersections of the roof ridges without gaps.
- Shape with a wet sponge.
- Moist the surface for 24 hours in very hot temperatures and surfaces that are directly exposed to the sun.
- Wet the bottom and side surfaces of the aerated concrete block in contact with the building mortar.
- Apply FIXA Gas Concrete Bonding Mortar to the surface with a trowel or 10x10 mm wide notched trowel. During application, horizontal and vertical joints should be maximum 3 mm.
- Fix the blocks by hitting with a mallet from the top and side.

CAUTION

- Avoid application in temperatures below +5°C and above +35°C.
- Bond the aerated concrete block on the combed mortar within 5 - 10 minutes. If this time is exceeded, scrape the material from the surface.
- Avoid application in areas that are frozen, at risk of freezing within 24 hours, or in areas open to direct sun and wind.
- Do not add water or powder to the expired mortar.

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. Do not leave the cover open. 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 Yapı Chemicals San. Trade Ltd. Sti. 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.