



TECHNICAL DATA SHEET

ALFABLOCK

AERATED CONCRETE BIMS BRICK MASONRY MORTAR

DESCRIPTION:

High performance, reinforced with chemical additives, grey cement based gas concrete-pumice-brick laying adhesive for general purpose

APPLICATION AREAS:

Applied by hand for laying of gas concretes-briquettes-bricks at indoors and outdoors as vertical.

ADVANTAGES:

- * ALFABLOCK laying adhesive provides labor and time advantage, by it's easy preparation and application features.
- * Provides high durability and adhesion strength.
- * Provides less consumption at unit area by it's special formula.
- * Prevents crack formation with it's special formula.
- * Provides extended open time.

SURFACE PREPARATION:

Application surfaces should be clean, sound and free from dust. Adhesion barrier materials (oil, dirt, dust etc.) should be cleaned from surface, cement-mortar residues should be scraped. If needed, surface should be cleaned with water. PRIMER-ST primer may be used at least 1 hour before the application to reduce water absorption of the surface in very hot and windy weather.

PRODUCT PREPARATION:

25 kg ALFABLOCK laying adhesive is added on 6,0-6,5 liters of clean water by sprinkling. Blended by a low speed mixer or by a trowel to ensure that there are no lumps in it. Mortar is rested for 5 minutes to mature and mixed again before application.

APPLICATION METHODS:

- * ALFABLOCK mortar is applied to entire fixing surface uniformly and evenly by a minimum 8 mm notched trowel.
- * To get high adhesion for fixing of large size-heavy laying materials, ALFABLOCK should be applied both on to the laying material and on to the application surface. Double-sided adhesion should be done.
- * After mortar application, laying material is placed through plumb line of the wall by setting fuga gaps.
- * Laying material is fixed by gently tapping with a rubber mallet.
- * After drying time is completed, wall becomes ready for other applications on it.
- * If a film layer formed on mortar surface, mortar should not be used. It should be scraped off surface and new mortar should be applied.
- * For 28 days after the application, any weight should not be hung on, no load should be applied, no mounting should be done on the wall.
- * Ambient and surface temperature should be between +5°C and +30°C during the application.
- * Any additional material (such as lime, cement, gypsum etc.) should not be added in to prepared mortar.
- * It should not be applied with unsound and improper laying materials.
- * Surface should be protected from airflows and sudden temperature changes during and after the application.
- * Mortar should not be applied on frozen, melting or within 24 hours danger of frost surfaces.
- * Hardened mortar should not be used by adding water and mix again.

SHELF LIFE:

Unopened original packages can be stored in dry (%60 R.H.) and cool (+5°C / +25°C) environments for up to 12 months.

APPLICATION LIMITS:

- Maturation Time: 5 min.
- Workability Time (Pot Life): 150 min.
- Drying Time: minimum 24 hours

UNIT CONSUMPTION:

9 m² / 25 kg package (Application thickness: 8 mm)



1783

NUR KİREÇ SAN. TİC. VE PAZ. LTD. ŞTİ.
Güzel Cumhuriyet Mah. Çimento Bulv. No:23 PK: 01965 Yüreğir/Adana/Türkiye
"NUR YAPI KİMYASALLARI"
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1783-CPR-640
TS EN 998-2 / 01.2017

Ready, Designed, General Purpose Masonry Mortar to be Used on Masonry Walls, Columns and Partition Walls Not Exposed to Thermal Conditions

Reaction To Fire	A1 Sınıfı
Dry Density Of Hardened Mortar	1350 ± 150 g/L
Compressive Strength	≥ 5 N/mm ² (M5)
Bonding Strength	NPD
Water Vapor Permeability	5/20
Water Absorption	≤ 2 kg/m ² .dk ^{0.5}
Chloride Content	≤ 0,1 %
Hazardous Materials	NPD
Thermal Conductivity	NPD
Durability	NPD

PERFORMANCE DECLARATION NO 998-2 / PB-02-011

PDDD SYSTEM SYSTEM 2+



GHS05



GHS07

H315: It causes skin irritation.

H318: It causes serious eye damage.

H335: It may cause respiratory irritation.

P280: Wear protective gloves/protective cloths/eye protection /face protection.

P305 In case of contact with eyes, rinse carefully with water
P351 a few minutes. If available and easy, remove contact
P338: lenses. Continue rinsing.

