

GBY-510

AERATED BLOCK ADHESIVE



DESCRIPTION

- Cement based, high performance, aerated block adhesive mortar.

TECHNICAL DATA

Appearance	: Grey powder
Application temperature	: (+5°C) - (+30°C)
Temperature resistance	: (-30°C) - (+80°C)
Application thickness	: 3-10 mm
Drying time	: 12-24 hours
Density in hardened dry mortar	: 1400±300 kg/m ³
Grain size	: ≤0.71 mm
Compressive strength	: M10; ≥10.0 N/mm ²
Bond strength	: 0.15 N/mm ²
Water vapour diffusion coefficient	: 5/20 μ
Capillary water absorption resistance	: < 0.05 kg/m ² .dk ^{0.5}

- These values are obtained under laboratory conditions ((23±2) °C temperature, 50% relative humidity) and may differ due to worksite conditions.
- MYFIX YILDIZ YAPI KİMYASALLARI SANAYİ VE TİCARET LİMİTED ŞİRKETİ is not responsible for the application errors that may arise if the application conditions and precautions outlined above are not followed for the purpose of the product.

INTENDED USES

- On interior and exterior facades,
- Can be applied on aerated block panels, exposed concretes and cement-based plaster.

PROPERTIES

- Easy to apply, does not require much labour.
- It cannot be applied directly to brick and plaster surfaces.
- Resistant to freeze-thaw cycle.

APPLICATION

- Slowly pour 25 kg of **GBY-510** into 6.0-6.5 litres of water and mix with a low-speed mixer until a homogeneous mixture is obtained.
- Any additives not specified in the application instructions should not be added.
- The prepared mortar must be rested for 10 minutes to mature. Mix again for 1-2 minutes without applying.
- The prepared mortar should be applied to the entire surface with a notched trowel in equal thickness. The combed mortar should be adhered on aerated block within 5-10 minutes.
- During the application, horizontal and vertical joints should be maximum 3 mm.
- After the application with mortar, aerated block should be fixed with the help of a hammer from the top and sides.

SURFACE TREATMENT

- The application surface must be clean and dry.
- Cracked and hollow areas on the surface must be repaired with **TH-500 Repair mortar**.

CONSUMPTION

- 1.5 kg/m (for 1 mm thickness)

Yıldız Yapı Kimyasalları San. ve Tic. Ltd. Şti.

KOCAELİ KOBİ Organize Sanayi Bölgesi 18. Cadde No: 22 Köşeler - Dilovası / KOCAELİ / TURKEY

+90 (216) 469 66 33 +90 (262) 728 11 10 | www.myfixyapikim.com | @fmyfixyapikimyasallari

GBY-510

AERATED BLOCK ADHESIVE



WARNINGS AND RECOMMENDATIONS

- Do not breathe the powder or contact with skin or eyes as it is cement-based.
- After application, hands and applications tools should be thoroughly washed with water.
- Do not apply to surfaces that have been exposed to sunlight for too long or that are frozen.
- The indicated consumption amount is general information and may differ due to application conditions and surface features.

PACKAGING

- 25 kg Kraft bag (Pallet 64 bag, 1600 kg)

SHELF LIFE

- Shelf life of an unopened package stored in a dry, cool place is 12 months from the date of manufacture.

COMPLEMENTARY PRODUCT(s)

- TH-500 Repair mortar

QUALITY CERTIFICATES

- In Accordance with TS EN 998-2 standards

CE 2163 YILDIZ YAPI KİMYASALLARI SAN. ve TİC. LTD. ŞTİ. İstanbul Mermerciler Küçük San. Sit. 18. Cad. No: 22 Köşeler Köyü - Dilovası / KOCAELİ 18 DoP number: 02.PB 998-2.001	
2163-CPR-0559 TS EN 998-2 GBY-510 / AERATED BLOCK ADHESIVE Masonry mortar-Properties-Part 2: Masonry mortar Designed general purpose (G) - Ready masonry mortar Compressive strength class M10	
Processing time	: 7-8 hours
Air content	: >20%
Compressive strength	: M10; $\geq 10.0 \text{ N/mm}^2$
Bond strength	: 0.15 N/mm^2
Water vapour diffusion coefficient	: $5/20 \mu$
Capillary water absorption resistance	: $< 0.05 \text{ kg/m}^2 \cdot \text{dk}^{0.5}$
Density in hardened dry mortar	: $1400 \pm 300 \text{ kg/m}^3$
Thermal conductivity	: $< 0.60 \text{ W/m.K}$
Freeze thaw resistance	: $\geq 0.5 \text{ N/mm}^2$
Fire reaction class	: A1
Hazardous substance	: Suitable

Yıldız Yapı Kimyasalları San. ve Tic. Ltd. Şti.

KOCAELİ KOBİ Organize Sanayi Bölgesi 18. Cadde No: 22 Köşeler - Dilovası / KOCAELİ / TURKEY

+90 (216) 469 66 33 +90 (262) 728 11 10 | www.myfixyapikim.com | (f) (i) myfixyapikimyasallari