

MHY-520

ROOF TILE ADHESIVE



DESCRIPTION

- Cement based, fibre reinforced, high performance adhesive mortar used in the assembly of roof tiles.

INTENDED USES

- Exterior surfaces,
- Adhering and assembling roof tiles,
- Used for adhering red coloured water gutters to the building.

PROPERTIES

- Easy to apply, does not require much labour.
- Resistant to freeze-thaw cycle and high temperatures.
- It gives better adhesion and strength with fibre reinforcement.

SURFACE TREATMENT

- The surface must be clean, dry, smooth and solid.
- The surface must be free of residues such as oil, dirt, paint that will prevent adhesion.

TECHNICAL DATA

Appearance	: Red powder
Application temperature	: (+5°C) - (+30°C)
Temperature resistance	: (-30°C) - (+80°C)
Pot life	: 2 hours
Full drying time	: 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	: 0.5 N/mm ²
Water vapor 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.

APPLICATION

- Slowly pour 25 kg **MHY-520** into 5.0-5.5 litres of water and mix it with a low-speed mixer (max. 600 rpm) until a homogeneous mixture is obtained.
- Any additives not specified in the application instructions should not be added. Be careful not to add more water than necessary.
- The prepared mortar should be rested for 5 minutes to mature.
- Mix it again for 1-2 minutes before applying. Spread the mortar on the application surface. Apply to the junction points of the ridges without any gaps. Complete the correction with a damp sponge.
- Consume the prepared mortar within 2 hours, discard the expired mortar.
- The adhesion process should not be done in place of the expired mortar, the mortar should be scraped from the surface.

CONSUMPTION

- 600 grams (for 1 piece of roof tile)

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

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

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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.
- During application, surface must be protected from wind and direct sunlight.
- 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.

QUALITY CERTIFICATES

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 998-2.002	
2163-CPR-0559 TS EN 998-2 MHY-520 / ROOF TILE 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; ≥ 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}
Density in hardened dry mortar	: 1400 \pm 300 kg/m ³
Thermal conductivity	: <0.60 W/m.K
Resistance to freeze-thaw cycle	: ≥ 0.5 N/mm ²
Fire reaction class	: A1
Hazardous substance content	: Suitable

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