

DESCRIPTION

- Cement based, polymer added, high performance and stability, specially prepared rock wool board adhesive and plaster mortar.

INTENDED USES

- Interior and exterior applications,
- Used for adhering and plastering thermal insulation boards such as XPS, EPS, rock wool & polyurethane etc. on all buildings.

PROPERTIES

- Provides the advantage of using adhesive and plaster in the same bag.
- Gives ideal and reliable performance.
- Has high flexural and compressive strength.

SURFACE TREATMENT

- The surface must be clean, dry, smooth and solid.
- Cracks and hollow areas on the surface must be repaired with **TH-500 Repair mortar**.
- For applications in areas with many surface defects or in large areas, it is advisable to use gauge.
- Thermal insulation boards must be placed correctly with a straight-edge and plumb.

PACKAGING

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

TECHNICAL DATA

Appearance	Grey powder
Application temperature	(+5°C) - (+30°C)
Temperature resistance	(-30°C) - (+60°C)
Pot life	2 hours
Time required in-between layers	4-5 hours
Time required for plugging process	24 hours
Dry bulk density	≥ 1500±200 kg/m ³
Compressive strength	CS IV; ≥ 6.0 N/mm ²
Flexural strength	≥ 0.5 N/mm ²
Capillary water absorption	W0

- 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

ADHESIVE APPLICATION

- Slowly pour 25 kg **W-600** powder into 5.5-6.0lt water and thoroughly mix it with a low-speed mixer (max. 600rpm) until it becomes a smooth, homogeneous substance.
- Rest the prepared mortar for 5 minutes and stir it again for 1-2 minutes before application.
- If the surface is even; adhesive mortar can be applied behind the boards by notching.
- In another application, an average of 5 cm wide frame-shaped adhesive should be applied around the boards and at least three bundles of adhesive should be applied to the interior. In this way, at least 40% bonding area is created.
- During the application, it should be paid attention that the adhesive does not get on the side surface of the board and form a thermal bridge.
- Check whether the boards are at the same level during the bonding process.
- Depending on the ambient temperature and surface properties, mechanical plugging should be done at least 24 hours later.

PLASTER APPLICATION

- Slowly pour 25 kg **W-600** powder into 6.0-6.5lt water and thoroughly mix it with a low-speed mixer (max. 600rpm) until it becomes a smooth, homogeneous substance.
- Rest the prepared mortar for 5 minutes and stir it again for 1-2 minutes before application.
- Apply mortar on plugged rock wool surface with a steel trowel evenly.
- **MYTHERM Mesh** should be buried into mortar before the first layer sets by pressing gently.
- In order to prevent cracks, **MYTHERM Mesh** is superimposed approximately 10 cm on each other at the joints.
- After the first layer of plaster dries slightly, the second layer is applied before the first one drying completely.
- Fix the surface with a steel trowel after applying second layer.
- Consume prepared mortar within 2 hours. Do not use overdue mortar.
- Once the plaster has completely dried, apply breathable final coat layer.

WARNINGS AND RECOMMENDATIONS

- Application thickness to be made on rock wool boards should not exceed 4 mm.
- 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, the 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.

CONSUMPTION

- $4.0 \pm 0.1 \text{ kg/m}^2$ (for 3 mm application)

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
- MYTHERM Mesh Reinforcement fibreglass mesh

QUALITY CERTIFICATES:

- In Accordance with TS EN 998-1 standards.

	
YILDIZ YAPI KİMYASALLARI SAN. ve TİC. LTD. ŞTİ. İstanbul Mermerçiler Küçük San. Sit. 18. Cad. No: 22 Köşeler Köyü - Dilovası / KOCAELİ 18 DoP number: 01.PB 998-1.006	
W-600 / Rock wool board adhesive & plaster TS EN 998-1:2017 General purpose rough/fine plaster mortar (GP)	
Dry bulk density	$\geq 1400 \pm 200 \text{ kg/m}^3$
Compressive strength	:CS IV; $\geq 6,0 \text{ N/mm}^2$
Flexural strength	$\geq 0,5 \text{ N/mm}^2$ FP:A
Capillary water absorption	W0
Water vapor permeability coefficient	25μ
Thermal conductivity	$< 0,6 \text{ W/m.K}$ (Table value; P=50%)
Fire response class	A1