

DESCRIPTION

- Acrylic copolymer based thermal insulation board adhesive and plaster.

INTENDED USES

- Interior and exterior facades,
- Used for adhering & plastering XPS, EPS & Rockwool thermal insulation boards on all buildings.

PROPERTIES

- Especially advantageous for insulating surfaces such as exposed concrete, brick, aerated concrete, cement-based plaster and wooden board.
- Provides high adherence on thermal insulation boards.
- Highly flexible compared to cement based thermal insulation board adhesives and plasters.
- Flexible, does not lead to cracks.

SURFACE TREATMENT

- The application board surface must be clean and dry.
- The surface must be free from residues that will prevent adhesion.
- 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 straightedge and plumb.

APPLICATION

ADHESIVE APPLICATION

- For the adhesion process, add cement by weight of 30% for mineral-based surfaces and 10% for old acrylic painted surfaces and mix it thoroughly with a low-speed mixer (max. 600rpm) until it becomes a smooth, homogeneous substance.
- Adhesive mortar can be applied behind the boards by notching or by dabs.
- Depending on the ambient temperature and surface properties, do mechanical plugging at least 24-48 hours after application.

PLASTER APPLICATION

- For the plastering process, add cement by weight of 30% and mix it thoroughly with a low-speed mixer (max. 600rpm) until it becomes a smooth, homogeneous substance.
- Plastering process should be done by applying material to surface with the help of a steel trowel in equal thickness.

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. Meshed profile or **MYTHERM Mesh** by turning at least 20 cm should be used at the corners.
- Second layer process should begin after 4 hours.
- All kinds of decorative coating materials can be applied to the surface minimum 3 days after the second coat application.

CONSUMPTION

- 4,0±0,1 kg/m²

TECHNICAL DATA

Appearance	White Viscous Liquid
Application temperature	(+5°C) - (+30°C)
Temperature resistance	(-30°C) - (+80°C)
Density	1.55 g/ml
pH	8.4
Open time	30 minutes
Application thickness	2-3 mm
Set time	24 hours
Time required for last coating process	3 days
Time required in-between layers	4 hours
Sieve analysis	≤ 100 µm
Compressive strength	≥ 6.0 N/mm ²
Flexural strength	≥ 2.0 N/mm ²
Adhesion strength to substrate	≥ 0.5 N/mm ²
Adhesion strength to thermal insulation board	≥ 0.08 N/mm ²
Water absorption	≤ 5 gram (30 min) ≤ 10 gram (240 min)
Fire response class	B-s1,d0

- 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.

WARNINGS AND RECOMMENDATIONS

- No additives other than cement should be added to the product as stated in the instruction.
- Applications must be done while the air is not too hot or rainy.
- Increased sensitivity with skin contact is possible.
- Keep away from the reach of children.
- Keep container tightly closed and in a cool place.
- Avoid contact with eyes and skin.
- Do not throw into sewer.
- Wear suitable protective gloves.
- In case of swallow, seek immediate medical advice and show the container or label.

COMPLEMENTARY PRODUCT(S)

- TH-500 Repair Mortar**
- MYTHERM Mesh Reinforcement fibreglass mesh**

PACKAGING

- 25 kg Plastic bucket

SHELF LIFE

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

QUALITY CERTIFICATES

- In Accordance with TS 13566 standards.