

PRODUCT NAME : **RockerTHERM 300 Thermal Insulation Board Adhesive**

DESCRIPTION : Cement based, polymer reinforced, high performance, highly-stable, specially prepared adhesive mortar for thermal insulation boards (XPS, EPS).

INTENDED USES : Interior and exterior applications,
Used for adhering thermal insulation boards such as XPS, EPS & etc. on all buildings.

PROPERTIES : Easy to apply, does not require much effort,
High flexural and compression strength,
Long processing time.

TECHNICAL DATA :

Appearance	Grey powder
Application temperature	(+5°C) - (+30°C)
Temperature Resistance	(-30°C) - (+60°C)
Time required for plastering after adhesion	24 hours
Unit volume mass porous density of adhesive	≥ 1000 kg/m ³
Compressive Strength	≥ 6.0 N/mm ²
Flexural Strength	≥ 2.0 N/mm ²
Adhesion strength to bottom layer	≥ 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)
Sieve analysis	For 1 mm sieve <1%
Fire response class	A1

- These values are obtained under laboratory conditions ((23±2) °C temperature, 50% relative humidity) and may differ due to worksite conditions.
- ROCKER YAPI KİM.SAN.TİC.A.Ş. 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

SURFACE TREATMENT : The application board surface must be clean and dry,
The surface should be free from residues that will prevent adhesion,
Cracks on surface must be repaired with **RockerTEC 500 Repair Mortar**,
Application thickness must be determined according to the porosity and roughness of the Surface,
For applications in areas with many surface defects or in large areas, it is advisable to use gauge.

APPLICATION : Slowly pour 25 kg **RockerTHERM 300** powder into 5.5 – 6.0 lt water and thoroughly mix it with a low-speed mixer until it becomes a smooth, Homogeneous substance,
Do not add any additional additives, unless mentioned in the instructions,
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 or by dabs.
Check if boards are on the same level during adhesion process,
Consume prepared mortar within 2 hours. Do not use overdue mortar,
Depending on the ambient temperature and surface properties, do mechanical plugging at least 24 hours after application.

CONSUMPTION : 4.0±0.1 kg/m² (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.

PACKAGING : 25 kg Kraft bag (Pallet 64 bags, 1600 kg)

WARNINGS AND RECOMMENDATIONS :

- After thermal insulation boards are bonded to the Wall by **RockerTHERM 300**, they must be mechanically attached to the surface with a suitable dowel,
- 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.
- Before application packaging and product and 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.