THERMO BLOCK
POLYMER-MODIFIED ADHESIVE FOR THERMAL-INSULATING BRICKS

DESCRIPTION
Polymer-modified, cement-based adhesive mortar for the installation of thermal-insulating bricks. It is based on high specifications white Portland cement, aggregates of specially selected quality and grain size distribution, synthetic resins and special enhancing additives. It exhibits high initial and final adhesion strength, resistance to moisture and excellent workability. Classified as a M15, W0 type masonry mortar according to European standard EN 998-2 and also as C1T cementitious adhesive according to EN 12004.

APPLICATIONS
It is part of the Ledra Thermo-Block building system. Additionally, it can be used as adhesive mortar for laying marble slabs or any other type of natural stone.

ADVANTAGES
- Ready-to-use, industrial product of constant and controlled quality
- Simplifies and accelerates the masonry works
- It exhibits high initial and final adhesion strength
- Excellent workability
- The special grain size distribution of the mortar allows it not to settle due to the weight of the building elements.

APPLICATION INSTRUCTIONS
- Surfaces must be clean from dust and loose materials.
- Especially during hot ambient conditions the bricks must be soaked in water before application.
- The content of 25kg bag is gradually added in 5.75-6.00 kg of clean water under continuous stirring until a uniform paste is formed. A low revolution mixer is recommended for mixing.
- The product is applied with a trowel on the bricks' surface or by submerging the bricks in the wet mix.

TECHNICAL CHARACTERISTICS
- Produced and controlled according to EN 998-2 and EN 12004.
- Mixing water ratio: 23.5-24%
- Pot life: 2-3 h.
- Consumption: Depends on application and type of bricks
  Indicatively, for bricks of 33cm in width, a 25kg bag yields about 2.5-3.5 m^2.

ATTENTION
- During application the temperature should be between +5°C and +35°C.
- The product contains cement which reacts as alkaline with water, so it is classified as irritant.

STORAGE
At least 12 months from the production date in sealed bags, protected from moisture and direct sunlight.