

NEOTHERM POLYMER

LIGHT THERMAL INSULATING CEMENT-BASED MATERIAL
WITH POLYSTYRENE GRAINS

MOR/01 | SPECIAL MORTARS

PROPERTIES

NEOTHERM POLYMER is a light thermal cement-based material that contains small polystyrene grains, special polymer resins, hydrophobic substances and it can be used for gap filling, roof-sloping both indoors and outdoors. The advantage of the product is that it can start with zero thickness and reach a final thickness of 10cm without creating capillary cracks. Liquid insulation such as asphalt sheets, plaster, tiles, marbles etc., can be applied on this product. It can replace non-reinforced concrete or light-weight concrete. The material is classified as CT-C5-F2-A22 according to EN 13813.

CONSUMPTION

1.5-2m²/22kg (0-3cm thickness)

STORAGE

Up to 12 months to indoors places on wooden pallets and in dry environment without moisture.

DIRECTIONS FOR USE

- Substrates must free from grease, dust and other foreign matters.
- Apply NEOCHROM's surface stabilizer, NEOPRIMER. Allow 2-3 hours at 20°C to dry, and apply NEOTHERM POLYMER.
- Add 8-10lt of clean water without stop stirring, until a smooth paste is created.
- NEOTHERM POLYMER can also be applied using a dry-mix rotor machine or a finishing trowel.

TECHNICAL SPECIFICATIONS

Form:	Cement-based mortar
Color:	Grey
Temperature during application:	From +5°C to +35°C
Water requirements:	8-10lt per bag
Fire classification:	A1
pH:	>12
Compressive strength based on European standard:	CYS EN 13892-2: 3.5N/mm ²
Flexural strength based on European standard:	CYS EN 13892-2: 1.7N/mm ²
Resistance to wear Böhme based on European standard:	CYS EN 13892-3: 31.7cm ³ /50cm ²

PACKAGING

22kg paper bags

CE
EN 13813

