



## 4057 Foamplast

**Description**

Cement-based thermal insulation board plaster.

**Fields of Application**

- Interior and exterior walls of all buildings; adhesion of XPS, EPS and Stone Wool thermal insulation boards.

**Properties**

- Interior and exterior wall
- Specially designed for thermal insulation systems, and offers high flexibility and bonding strength.
- Excellent adhesion to thermal insulation panel.
- Resistant to weather, water and impact.

**Preparation of Substrates**

- Surfaces of the thermal insulation board should be fixed properly and firmly, their surfaces are dust-free and clean.
- There should be no gaps between the thermal insulation boards.

**Application**

- Pour Foamplast on the amount of clean water specified in the technical table slowly and mix to obtain a homogeneous paste free from lumps Allow the mortar to stand for 5-10 minutes to mature and remix it before the application.
- Apply the mortar on the boards using a steel trowel. Notch the first coat of plaster with a 4x4mm tooth thickness notched trowel for homogenous thickness. Gently press and fit in reinforcement mesh using a steel trowel before the plaster mortar dries.
- Apply 10 cm overlaps at the joints of the reinforcement mesh.
- Apply the 2nd coat before the 1st coat of plaster slightly drips water.
- Smoothen the surface with a steel trowel after the 2nd coat.

**Post-Application Protection & Suggestions**

- Consume the prepared mortar within 3 hours. Dispose of the mortar which has exceeded its pot life. Apply breathing top coat material after the plaster mortar is completely dry.
- Foamplast should be used within shelf life. During the application, products that have completed their shelf life should never be used.
- The consumption values in the table refers to an average consumption amount. It may vary depending on the application conditions and surface properties.
- Since it contains cement, it irritates the eyes, respiratory system and skin. For further information refer to the safety data sheet.

**Storage**

- Packages should be kept dry and cool at between +5°C and +35°C in moisture free conditions. Avoid direct sunlight.
- Packages should be protected from water, frost and adverse weather conditions.
- Do not stack more than 10 bags on top of each other.
- Shelf life is maximum 12 months conditional to complying with the above mentioned conditions.

**Packaging**

- 25 kg multi-ply paper bags.

**G****Certificates of Quality**

TS 13687:2016 T1: April 2019



4057 Foamplast

### Technical Specifications

(23 °C and 50% RH)

### General Data

Appearance	Grey powder
Shelf Life	12 months when stored in the original sealed packaging in dry place.
Packages	25 kg multi-ply paper bag

### Application Data

Application Temperature Range	(+5°C)-(+35°C)
Applications Tools	Steel trowel
Pot Life	3 hours
Mixing Ratio	6 - 6.5 lt water / 25 kg powder
Consumption	1.7 kg/m <sup>2</sup> /mm

### Performance Data

Flexibility	High
Adhesion to the Thermal Insulation Board (EN 13494)	Min. 0.08 N/mm <sup>2</sup>
Water Absorption (EN 1015-18)	≤ 0.40 kg/m <sup>2</sup> dk <sup>0.5</sup> W2
Flexural Strength (EN 1015-11)	Min. 2 N/mm <sup>2</sup>
Compressive Strength (EN 1015-11)	Min. 6 N/mm <sup>2</sup>
Water Vapor Permeability Coefficient (μ) (EN 1015-19)	Max. 15