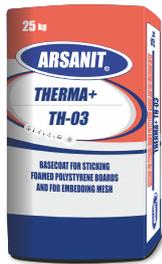




# THERMA+ TH-03

BASE COAT FOR STICKING FOAMED POLYSTYRENE BOARDS  
AND FOR EMBEDDING MESH



Compilation date: 2016-10-03

## APPLICATION/CHARACTERISTICS:

In the Insulation System by Arsanit Therma+ TH-03 basecoat is used for adhesive fixing of foamed polystyrene boards on typical mineral substrate – bricks, traditional cement plaster or cement-calcareous, concrete, cellular concrete, or reinforced layer. Base coat can be used for filling little depletions and for embedding mesh.

## PROPERTIES:

Therma+ TH-03 basecoat is a dry mix of high quality cement, mineral fillings and polymer modifiers. It is very elastic, with improved adhesion, high vapour-permeability, is highly efficient and easy to use. Therma+ TH-03 can be used for indoor as well as outdoor applications.

## PREPARATION:

Add mix to 5-6 litres of water and mix until you get a homogeneous mixture (manually or automatically). After 5 minutes mix it again and it is ready to use. The mix should be used up within 2-3 hours.

## APPLICATION:

Therma+ TH-03 should be used in temperature from +5°C to +25°C. The substrate should be dry, clean, fat-free and free of any other alien materials. Very absorbent substrates should be treated with ACRYLIC GROUND STRONGERAG-015. If the substrate is difficult or unstable an adhesion test should be arranged. Therma+ TH-03 should be applied onto foamed polystyrene with the trowel. Adhesive is to be circulated on the whole surface of the board or applied using the edge-point method. Directly after putting the adhesive, press the board against the substrate and bang it until it gets the desired form. Choose the amount of adhesive so that 60 % of the board is covered. Once the adhesive bonds use secondary fixings to reinforce the foamed polystyrene boards. The reinforced layer is made by applying the Therma+ TH-03 base coat on top of isolation layer and embedding the glass fiber mesh in vertical strips.

## COVERAGE:

3,3 – 5 kg/m<sup>2</sup> as adhesive layer for polystyrene boards (depending on the substrate)

3 – 3,5 kg/m<sup>2</sup> as a reinforced layer for embedding mesh

## DIRECTIONS:

The guidelines describe the range of product's use and advisable method of using it but it cannot replace a professional

preparation for the work. The producer guarantees the product quality, but it has no influence on the conditions and method of using it.

## ATTENTION:

The base coat contains cement. It gives alkaline reaction with water. Protect eyes and skin. If the product gets to eyes, wash them with water and contact a doctor.

## SAFE KEEPING:

Store the product in the original packaging in a dry room on pallets. Protect from moisture.

## SHELF LIFE:

12 months from the production date stated on the package.

## PACKAGING:

25 kg bags, 48 bags per palette, 1200 kg.

## TECHNICAL PARAMETERS

Ingredients	Portland cement, mineral fillers, modifiers
Mixture proportions	0.20-0.24 L of water per 1 kg of the mortar 5.0-6.0 L of water per 25 kg of the mortar
Pre-ageing time	5 min
Mortar workability time	about 2-3 hrs
Application temperature	+5°C to +25°C
Adhesion to concrete	air-dried ≥ 0.25 MPa
	after 2 day immersion in water and 2 hour drying ≥ 0.08 MPa
	after 2 day immersion in water and 7 day drying ≥ 0.25 MPa
Adhesion to EPS	air-dried ≥ 0.08 MPa
	after 2 day immersion in water and 2 hour drying ≥ 0.03 MPa
	after 2 day immersion in water and 7 day drying ≥ 0.25 MPa
Content of soluble chromium VI in a ready to use mix	≤ 0.0002%
Consumption	
EPS picking	3.3-5.0 kg/m <sup>2</sup>
Installation of reinforced layer	3.0-3.5 kg/m <sup>2</sup>
Technical specification	ETA 15/0311 dated 29/05/2015