



STYRAMIK THS-04

ADHESIVE FOR STICKING FOAMED POLYSTYRENE BOARDS



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APPLICATION/CHARACTERISTICS:

In the Thermal Insulation System by Arsanit STYRAMIK THS-04 is used for adhesively fixing foamed polystyrene boards on typical mineral substrate – that is bricks, traditional cement plaster or cement-calcareous, concrete, cellular concrete. STYRAMIK THS-04 can be used for filling little depletions.

PROPERTIES:

STYRAMIK THS-04 ADHESIVE is a dry mix of high quality cement, mineral fillings and polymer modifiers. STYRAMIK THS-04 is glue mortar with improved adhesion, high vapour-permeability, it is highly effective and is easy in use. That is why it is the best for sticking foamed polystyrene boards. STYRAMIK THS-04 adhesive can be used for indoor as well as outdoor application.

PREPARATION:

Add dry mix of adhesive 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:

STYRAMIK THS-04 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 ground should be treated with ACRYLIC GROUND STRONGERAG-015. If the STYRAMIK THS-04 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.

COVERAGE:

3.3 – 5 kg/m² depending on substrate.

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:

Adhesive 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

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 ≥ 0.08 MPa
Content of soluble chromium VI in a ready to use mix	≤ 0.0002%
Consumption	
EPS picking	3.3-5.0 kg/m ²
Technical specification	ETA 15/0311 dated 29/05/2015