

# FAST<sup>®</sup> Specjal



## Adhesive for fixing foamed polystyrene boards and for mesh embedding

The product is a component of ETICS FAST SA and FAST SM thermal insulation systems.



### USE

**FAST SPECJAL** is an adhesive for fixing foamed polystyrene boards onto mineral substrates as well as for making a reinforcing layer when insulating buildings in **ETICS FAST SA** and **ETICS FAST SM** insulation systems.

### PROPERTIES

**FAST SPECJAL** is a cement-polymer adhesive, frost- and water-resistant, characteristic for its improved steam-permeability and mechanical strength. It is suitable practically for any type of building base for its great elasticity and adherence.

### SUBSTRATE PREPARATION

The base must be even, fast and dry, without any impurities decreasing its adherence such as dust, lime, grease or remains of previous paint coats, any types of lichen, dirt. Surfaces which are porous or dusting need to be primed with an adequate priming coat of **FAST**.

### INSTRUCTIONS

Pour slowly the contents of the bag into a container with clean water (from a water supply system) stirring simultaneously with a slow-running drill until an even paste consistence is reached. Leave for about 10 minutes and stir again before applying. The adhesive prepared in this way can be used up within the following 3 hours depending on the temperature and relative air humidity. When working, the adhesive should be re-stirred every approximately 30 minutes. Apply the adhesive **FAST SPECJAL** onto the board edges with stripes 3 to 4 cm wide and onto the remaining surfaces in 10-12 spots (the adhesive should cover not less than 40% of the board surface). When gluing a glass fibre gauze, the adhesive should be applied onto the board as a continuous layer beginning from the top with stripes as wide as the gauze. Immediately after applying the adhesive, the gauze must be glued by pressing it into the adhesive substance with a steel float until it is completely covered (sealed into). The thickness of the reinforcing layer should be from 3 to 5 mm. After the layer dries up (which is after 3-4 days), you can continue with plastering after the base prepared according to the above procedure has been primed. It is not allowable to apply an additional adhesive layer 1 mm thick after a few days.

### CONSUMPTION

Fixing foamed polystyrene boards approximately 4 kg/m<sup>2</sup>  
Preparing the reinforcing layer approximately 4 kg/m<sup>2</sup>

### STORAGE

Store in a manufacture (originally) closed packages in a dry room on pallets at the temperature of +5°C up to +25°C. Suitability for use: 12 months.

### PACKAGES

Bags of 25kg  
Pallets: 1050 kg in 25 kg bags (42 bags each)



### TECHNICAL SPECIFICATIONS

Base:	mineral binder with synthetic polymer agents
Mixing proportions:	ca. 5,5 l of water for 25 kg of mortar
Dry mortar density:	ca. 1,7 kg/dm <sup>3</sup>
Open time:	from 2,5 to 3 hours
Pot life:	ca. 20 minutes
Adhesion to concrete:	above 0,3 MPa
Adhesion to foamed polystyrene:	above 0,1 MPa
Substrate and mbitne temperature:	from +5°C to +25°C
Temperature resistance:	from -20°C to +60°C
Content of soluble chromium (VI) in ready-to-use mix VI	≤0.0002%

### STANDARDS / NORMS

The product has been given **EC Technical Approval ETA-09/0378** and **ETA-09/0379**, **EC Certificate of Conformity: 1020-CPD-020023675** and **1020-CPD-020023677**.

It has a valid Certification of Hygiene.

The product is a component of **ETICS FAST SA** and **FAST SM** thermal insulation systems.

### NOTE

The information comprises basic instructions of product application and do not relieve users of responsibility for work in accordance with good construction practice, method of thermal insulation work and OHS regulations. P.W. FAST guarantees and shall be liable for the product quality, however it cannot control methods in which the product was used and under what conditions. All technical data was measured in an average conditions: +20°C of air temperature and 60% of humidity. In case of other conditions the drying time may vary.

### CAUTION

Irritant. Contains cement. Protect skin, eyes and respiratory tract. Keep away from the reach of children. Do not inhale dust. In case of contact with eyes, immediately rinse with plenty of water and seek medical attention. In case of ingestion, immediately seek medical attention and show the packaging or label.