

FAST[®] Normal S

Adhesive for fixing foamed polystyrene boards



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



USE

FAST NORMAL S owing to its characteristic features can be perfectly used for fixing foamed polystyrene panels for brick-walls, blocks and ceramic materials, for concrete, aerated concrete, cement and cement-lime plasters.

PROPERTIES

FAST NORMAL S adhesive is a dry mineral mixture, modified with synthetic polymers, frost- and water-resistant with the improved elasticity.

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. In order to increase the adherence and eliminate dust the base should be primed with **FAST GRUNT U** or **FAST GRUNT G**.

INSTRUCTIONS

Pour into a container approximately 5,5 litres of water for 25 kg of dry substance, pour in the contents of the bag stirring simultaneously 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 2,5 to 3 hours. When working, the adhesive should be re-stirred every approximately 30 minutes. The adhesive can be applied on boards in two ways: in case of insulating even, previously plastered surfaces, apply a thin layer of the adhesive with a toothed float with 8mm or 10 mm square teeth and then glue it to the insulated wall. In case the wall has not been plastered, the adhesive must be applied onto the board edges with stripes 3 to 4 cm wide and onto the remaining surfaces in 10-12 spots (the spots should occupy not less than 40% of the board surface).

In order to improve the adherence, after the preliminary setting of the adhesive (namely after 3 days), each board should be additionally fastened with plastic pin provided with a metal mandrel. The number of pins used must be as recommended in the insulation design and instructions, but there should be not fewer pins than 4 per 1m². The length of the pin depends on the type of the wall (the minimum penetration of the pin in the insulated wall should be 6cm, excluding plaster). When working be careful about the right weather conditions, which means, avoid great sun exposure, rain and too much humidity.

CONSUMPTION

Gluing mineral wool boards, approximately **4 kg of dry substance per 1m²**.

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

| | |
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| 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 ³ |
| 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.