

CL111 EKOFLEKS - Adhesive mortar for polystyrene boards



CL111 is special adhesive for gluing of solid polystyrene boards in thermal insulation systems.

- Good adhesion to the substrates
- Resistant to weathering
- Resistant to shock loads
- Vapour-permeable and hydrophobic
- Environmentally friendly

Scope of application

Special adhesive is used for gluing of solid polystyrene boards inside and outside the premises in thermal insulating systems. Glue is water- and frost- proof, has good water vapour-permeability. It is suitable for all mineral substrates, such as: brick, plaster, concrete.

Instructions for use

Preliminary work. The surface should be sturdy and without damage. Loose layers that cannot withstand the load must be completely cleaned from the surface by mechanical means. The surface should be dried and cleaned from dust and contaminants that degrade the adhesion to the base. In case of biological corrosion, surface vegetation or micro-organisms formation should be removed with a wire brush and the surface should be treated with antibacterial Ekofleks GL29, according to the instructions. If necessary, the prepared surface should be primed with Ekofleks GL25 or Ekofleks GL27. After processing, the primed surface must be clean, firm and not crumbly. Mix 25 kg of dry adhesive mixture with 6.0 litres of water to a smooth paste. After 5-10 minutes (time required for dissolving of the synthetic components) stir it again thoroughly.

Boards attaching. The surface of polystyrene boards should be puttied with thin layer of glue, rubbing it into the surface thoroughly. Adhesive mixture is applied around the perimeter of the board, and at the centre of the board several portions of glue, as big as a palm, are applied, then press them against the surface of the wall, slightly tapping the board. If the wall surface is even, then glue is applied to the entire board surface with a notched trowel 10x10x10 mm. Adhering polystyrene boards is upwards. Boards of polystyrene are glued tightly and without gaps, so that the glue does not penetrate into the joints between the boards. Particular attention should be given to full adhesion of the board's edges to the surface. Boards of polystyrene are attached to the wall with plugs, not earlier than 24 hours after attaching them to the base. In the case of polystyrene board's attachment with plugs immediately after adhering to the base, the boards can deform and come off. Work should be carried out at temperature from +5° C to +30° C. The average consumption is 4.5 kg/m².

Terms of storage

It should be stored in an original container. It has to be protected from moisture. Storage period is 12 months from the manufacture date indicated on the package.

Instructions for disposal

The material cannot be sewered into drains and discharged into wastewater. Material residues have to be

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mixed with water and after their hardening, be disposed as construction debris.

Security measures

Keep out of reach of children. In case of eye contact, rinse immediately with plenty of water and consult a doctor for medical advice.

Technical data	
Composition:	Polymer-cement mixture, modifiers
Proportion:	6,0 L of water per 25 kg of CL 111
Correction time:	at least 15 minutes
Mixture working life:	not less than 120 minutes
Temperature of the air and the base:	from +5°C to +35°C
Adhesion: to concrete to polystyrene	> 0,5 N/mm ² > 0,1 N/mm ² (or material's rupture)
Consumption:	~ 4,5 kg/m ²
Working life from the manufacture date:	12 months
Package:	25 kg
*All data given at the temperature 20°C and relative humidity of 60%.	
Made in EU	