ADHESIVE FOR THERMAL INSULATION BOARDS

Features and benefits:

- Excellent adhesion to common building substrates and insulating materials.
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- Works at low temperatures (≤ -5 °C) – longer working seasonable application.
- High initial force & excellent insulation - does not create thermal or acoustic bridges.

Applications:

- Bonding insulation boards on facades and foundations.
- Suitable for ETICS® systems with mechanical fixings.
- Bonding and insulating of wall panels, roofing sheets & tiles.
- Sealing gaps between foamed polystyrene.
- Sealing cracks in walls.
- Filling & sealing expansion joints in thermal insulation.

Base materials:

- Brick walls.
- Hollow blocks.
- Concrete.
- Acrylic and mineral plasters.
- Wood and Metal.
- Foamed polystyrene.
- PCV and rigid PUR foams and other insulation materials.

*R-ETS - External Thermal Insulation Composite System (ETICS) with foamed polystyrene usage.
**Wide array of advantages**

- **2h - EXPRESS** Application
- **8-12 m²** wall from one can
- **HIGH THERMAL** Insulation
- **EASY** Application
- **Saves TIME & MONEY**
- **EXTENDS** Building Season
- **λ≤ 0.036**

**Installation and application:**

1. Wear protective gloves. Ensure surfaces are free from dust, dirt, lime or grease. If the wall surface is dirty it must be primed.
2. Before adhering polystyrene board, starter track must be installed. Shake can vigorously for 30 seconds to mix properly components.
3. Optimal can temperature is +20°C. Application temperature from -5°C up to +30°C.
4. For adhesion of foamed polystyrene facade insulation, apply a braid of Styrofix (approx. 3 cm wide) around the perimeter of polystyrene boards (approx. 2 cm from the edge), with an additional strip across the centre of the board.
5. For adhesion of extruded polystyrene foam (XPS) on foundations, apply Styrofix in 4 vertical braids (approx. 3 cm wide) maintaining equal spacing of 20-30 cm between the strips. Ensure 3 cm clearance from the edge of the board (for boards wider than 100 cm, more braids should be applied).
6. Allow max. 5 minutes after application of Styrofix before mounting insulation to the facade or foundation. After mounting, add just the board to the desired position. Board adjustment is only possible for up to 10 minutes after adhesion. In the case of detachment from the surface apply again Styrofix.
7. At lintels and in the corners, support the boards (approx. 10-15 min) until the bond cures. After 2 hours the boards should be polished with an abrasive paper and additionally fixed with special mechanical connectors. Fill gaps between boards using Styrofix. When fully cured, the excess of adhesive should be removed (eg. using a knife).

**Product Information**

- **STYROfix** - Adhesive for thermal insulation made of EPS / XPS

Remember!
- To use mechanical fixings for ETICS* systems
- To install the starter track
- Coverage depends on air humidity, temperature and type of application:
  - up to 8 m² for foamed polystyrene (EPS) on facade insulation
  - up to 12 m² for extruded polystyrene foam (XPS) on foundations
- Mechanical properties:
  - Compressive strength ≥ 40 kPa
  - Tensile strength ≥ 100 kPa
  - Adhesion also to the substrate coated with bitumen ≥150 kPa
- You have about 5 minutes from application STYROfix to applying the board to the surface
- You have an additional 15 minutes for correction (without taking off the board from the wall. In case taking off the board required applying again STYROfix)
- 2 hours after application, the product is ready to fix to the special mechanical connectors
- To eliminate thermal bridges you can use STYROfix to fill gaps between boards

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