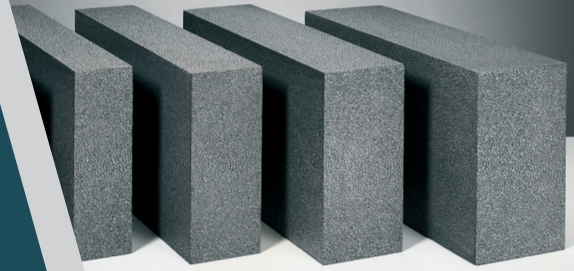


PRIMER POLY FIX FINE CEMENTITIOUS ADHESIVE FOR POLYSTERINE

(For External Wall Insulating Systems – ETICS/EIFS)

STANDARDS COMPLIANCE

EN 998-1:2016 (Specifications for mortar)



Product Description

PRIMER POLY FIX FINE is a high-quality, cement-based adhesive mortar designed for permanently fixing thermal insulation boards (EPS/XPS) to substrates like concrete, masonry, and screeds. It ensures improved bond strength and durability for external insulation systems.

Technical Data (Tested per EN 1015 at 23°C, 50% RH in accredited labs)

Property	Value	Standard
Color	Grey/White	–
Wet Density (mixed)	1.7 ± 0.1 g/cm ³	–
Open Time	20 minutes	–
Pot Life	3 hours	–
Adhesion Strength	≥ 250 kPa (to substrate)	EN 1015-12
Adhesion to EPS/XPS	≥ 80 kPa (28 days/normal conditions)	EN 1015-12
Water Absorption	Wc2	EN 1015-18
Vapor Permeability (μ)	≥ 10	EN 1015-19
Thermal Conductivity (λ)	0.88 W/m·K (P=50%)	EN 1745 (tabular value)
Reaction to Fire	Class A	EN 1305-1
Working Temperature	+5°C to +35°C	–



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METHOD OF USE

Proper substrate preparation is critical to ensure maximum adhesion and long-term performance of the ETICS/EIFS system. Follow these steps:

1. Surface Requirements

The substrate must be:

- Structurally sound – Free from cracks, loose particles, or weak layers.
- Clean – No dust, oil, grease, paint, or efflorescence.
- Dry – Moisture content ρ 5% (use a moisture meter if necessary).
- Flat – Deviations ρ 5 mm per 2 m (correct with leveling mortar if needed).

Substrate Preparation

Oil/Grease Degrease with detergent or solvent.

Apply directly on concrete/cement/masonry. For highly porous substrates (e.g., gypsum), use a sealing primer first.

Moisture & Temperature Checks

Ambient Conditions:

- Temperature: +5°C to +35°C during application.
- Humidity: Avoid application in rain or fog (RH > 80%).
- Substrate Temperature: \geq +5°C (frost-free).
- Important Notes
- Never apply PRIMER POLY FIX FINE on frozen or wet substrates.
- For gypsum-based substrates, mandatory priming is required (use a sealing primer).

Mixing

- Add clean water to powder (ratio as per manufacturer's guidelines). standard water-to-powder ratio (e.g., ~20–22% water by weight).
- Mix mechanically for 3–5 minutes until homogeneous.
- Mix mechanically until homogeneous (no lumps).
- Use within 3 hours (open time: 20 minutes).
- Application

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

The user of the product must test the product's suitability for the intended application and purpose. Primer Cy LTD reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request. It may be necessary to adapt the above disclaimer to specific local laws and regulations.

For any Further Technical Information including SDS, CE labels and Certificates of conformity don't hesitate to contact our QA/QC Department.
We remain at your disposal.

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Moisture & Temperature Checks

PRIMER POLY FIX FINE can be applied in three methods, depending on substrate flatness:

Adhesive Application Methods

A. Perimeter & Dots Method (Recommended for Uneven Substrates)

Step 1: Apply a continuous adhesive band (min. 5 cm wide) around the board edges.

Step 2: Place 3–5 adhesive dots (Ø 8–10 cm) in the center (min. 40% coverage).

Step 3: Press the board firmly onto the substrate and align.

B. Full Bed Method (For Very Flat Substrates)

Step 1: Apply adhesive in continuous ridges (comb notched trowel: 6x6 mm or 10x10 mm).

Step 2: Ensure ≥ 80% adhesive coverage (no voids).

Step 3: Press board and check for full contact.

C. Strip Method (For Medium Flatness)

Step 3: Apply 3–4 vertical adhesive strips (min. 10 cm wide) with full edge bonding.

Reinforcing Mesh Embedding (Base Coat)

• After 24–48 hours of board installation:

- Apply PRIMER POLY FIX FINE (2–3 mm layer) over insulation.
- Press alkali-resistant fiberglass mesh (160 g/m²) into the wet mortar.
- Overlap mesh by 10 cm at edges.
- Apply a second thin layer (1–2 mm) to embed the mesh fully.

- AdShelf Life: 12 months in original, unopened packaging.

- Storage: Store in a dry, protected location, away from moisture.

PACKAGING & STORAGE

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