

ZNR™ POLIBOND

Thermal Insulation Board Adhesive Mortar

Product Description	ZNR POLIBOND is a ready-to-use, polymer-modified, cement-based adhesive mortar with high bonding performance, used for fixing thermal and sound insulation boards to surfaces. Suitable for both interior and exterior applications. It offers ease of application, long-lasting durability, and strong adhesion.																																
Product Number	500																																
Areas of Application	Used for adhering extruded polystyrene (XPS), expanded polystyrene (EPS), and rock wool insulation boards to interior and exterior surfaces of buildings, including vertical, horizontal, and ceiling applications.																																
Characteristics /Advantages	<ul style="list-style-type: none"> Water-resistant. Provides strong adhesion to concrete, brick, aerated concrete, plaster, and prefabricated panels. Suitable for both indoor and outdoor use. Can be applied on vertical, horizontal, and ceiling surfaces. Resistant to external weather conditions and frost. Cost-effective. 																																
TSE Standard	TS-EN 13566																																
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Surface Preparation	The application surface must be clean, free of loose particles, dust, oil, and chemicals. Concrete and plaster surfaces must be dry and fully cured. On highly absorbent surfaces or in hot weather, the surface should be lightly moistened before application.																																
Preparation Instructions	25 kg of ZNR POLIBOND powder is slowly added into 6–7 kg of clean, cool water (depending on ambient temperature). Mix using a low-speed mixer for 3–4 minutes until a lump-free, homogeneous consistency is achieved. Let the mixture sit for 5–10 minutes, then re-mix briefly before use. Do not add water into the powder.																																
Application	Apply between +5°C and +35°C. Apply the adhesive continuously along the edges and in spots in the center of the insulation board. Press the boards against the surface and tap																																

gently with a rubber or wooden mallet to align them. Once the adhesive has cured sufficiently, fix the boards with mechanical dowels.

Considerations	<p>Do not allow the adhesive on the surface to dry and form a film before placing the boards.</p> <ul style="list-style-type: none"> • Do not apply below +5°C. • In high-rise applications or windy areas, mechanical doweling should be performed earlier.
General Matters	<p>Keep the product out of reach of children. Store with lids tightly closed. Use protective gloves and goggles during application. In case of skin contact, wash immediately with soapy water. In case of eye contact, seek medical attention immediately. Refer to the Material Safety Data Sheet (MSDS) for more detailed information.</p>
Disposal	<p>Dispose of empty packaging in accordance with local waste regulations and recycling guidelines. Used product should be dried and hardened before being disposed of as construction waste. Do not incinerate product residues as this may be hazardous.</p>
Safety Information	<p>This technical data sheet has been prepared based on our experience and research, for guidance purposes only. Due to varying construction conditions and material differences beyond our control, guarantees are limited solely to the quality of the sold product. No warranty is provided for the application process. This document supersedes all previous versions. Product performance depends on professional usage. In case of doubt, perform a small-scale test or seek technical assistance.</p>