

ZNR™ CEOFIX PLAST

Thermal Insulation Board Plaster

Product Description	Polymer-modified, ready-to-use, perlite and cement based ready mortar with high strength and adherence capacity used for plastering on thermal insulation boards.																												
Product Number	505																												
Areas of Application	As plaster on extruded polystyrene (XPS) and expanded polystyrene (EPS) boards and rock wool thermal insulation boards for all constructions,																												
Characteristics /Advantages	<ul style="list-style-type: none"> • Not affected by water. • Resistant against external effects and frost. • Light elastic structure thanks to polymer content. • Suitable for horizontal, vertical and ceiling applications. • Very good adherence capability. • Allows breathing of walls thanks to its porous structure. • Prevents humidity thanks to its porous structure. • Economic. • Environment-friendly. 																												
Technical Data	<table border="1"> <tr> <td>Powder Color</td><td>Grey</td></tr> <tr> <td>Package</td><td>25 kg kraft bags</td></tr> <tr> <td>Density (Fresh Mortar)</td><td>~ 1.60 kg/m³ (23 °C)</td></tr> <tr> <td>Working Temperature</td><td>+5°C - +30°C</td></tr> <tr> <td>Pot Life</td><td>90 minutes</td></tr> <tr> <td>Flexural Strength</td><td>≥2.00 N/mm² (28 days) ~4.00 N/mm² (28 days)</td></tr> <tr> <td>Compressive Strength</td><td>≥6.00 N/mm² (28 days) ~12.00 N/mm² (28 days)</td></tr> <tr> <td>Adhesion Strength on Thermal Insulation Material</td><td>≥ 0.08 N/mm² (28 days)</td></tr> <tr> <td>Reaction to Fire Class</td><td>A1</td></tr> <tr> <td>Water Absorption</td><td>≤ 0.5 kg/m² min^{1/2} (0.5) (28 days)</td></tr> <tr> <td>Application Thickness</td><td>Minimum 3mm</td></tr> <tr> <td>Consumption</td><td>~1.60 kg/m² material is used for 1mm of thickness (variable, depending on surface conditions)</td></tr> <tr> <td>Application tools</td><td>Steel Trowel</td></tr> <tr> <td>Storage</td><td>Shelf life is approximately 12 months. Products should be stacked in a cool and dry place, with maximum 10 bags on each other.</td></tr> </table>	Powder Color	Grey	Package	25 kg kraft bags	Density (Fresh Mortar)	~ 1.60 kg/m ³ (23 °C)	Working Temperature	+5°C - +30°C	Pot Life	90 minutes	Flexural Strength	≥2.00 N/mm ² (28 days) ~4.00 N/mm ² (28 days)	Compressive Strength	≥6.00 N/mm ² (28 days) ~12.00 N/mm ² (28 days)	Adhesion Strength on Thermal Insulation Material	≥ 0.08 N/mm ² (28 days)	Reaction to Fire Class	A1	Water Absorption	≤ 0.5 kg/m ² min ^{1/2} (0.5) (28 days)	Application Thickness	Minimum 3mm	Consumption	~1.60 kg/m ² material is used for 1mm of thickness (variable, depending on surface conditions)	Application tools	Steel Trowel	Storage	Shelf life is approximately 12 months. Products should be stacked in a cool and dry place, with maximum 10 bags on each other.
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Surface Preparation	Ensure that surface of polystyrene board is clean and dry.																												
Preparation Instructions	<p>Pour the powder material (25 kg) into 5-6 kg (variable, depending on air temperature) clean and cool mixing water and mix with a proper low-speed mixer for 3-4 minutes to obtain a homogenous and smooth mixture and wait for 5-10 minutes.</p> <p>Make the maturing material ready for use by re-mixing. Do not add water into the powder material.</p>																												
Application	<p>It is recommended to make the application at a temperature between +5 and +35 °C.</p> <p>Plaster the prepared material onto the surface of polystyrene board with a steel trowel. Cover the mortar with glass-fiber mesh while the mortar is still wet and plaster and level ZNR CEOFIX PLAST Thermal Insulation Board Plaster Mortar in a way to form 2 mm of thickness. Wait for minimum 1 day after finishing the first layer of plastering. After applying the second layer on the mortar, pass sponge on the plaster mortar when it is about to dry. Make the surface ready for coating by eliminating the traces on the surface with a sponge. After curing of the surface, a coating with the desired color and appearance can be applied.</p>																												
Considerations	<ul style="list-style-type: none"> • Protect the ambient from wind and sunlight during application. 																												
General Matters	Abovementioned product data and descriptions are prepared for guiding purposes as a result of our experiences and diligent studies. We, individually, can not control or affect the variety of the related materials and various construction and working conditions. Warranty is limited																												

	to only quality of the purchased material for the applications that are not under our control. No warranty is committed for application, but only for product manufacturing. This technical flyer overrides former flyers. Quality of the work may vary depending on how professionally the product is used. In case of hesitation, please perform a small test or ask for technical help.
Disposal	Empty packings can be disposed to collection bins according to regional/local regulations or recycling rules. Dispose used waste materials as construction waste materials after drying and hardening. It is dangerous to dispose by burning the product remnants.
Safety Information	Keep the products out of reach of children. Keep the lids of the products closed. It is recommended to use gloves and goggles during application. In case of contact with skin, wash immediately with soap. In case of contact with eyes, immediately consult a doctor. For more information, please refer to the material safety data sheet.