

Cement Based Thermal Insulation Board Adhesive Mortar

PRODUCT DESCRIPTION

It is a cement-based, powder polymer-modified adhesive mortar for thermal insulation boards (XPS, EPS, Rock Wool, etc.) with high adhesion strength and ease of application.

FEATURES

It is resistant to water, moisture and impacts. The appropriate setting time provides ease of application. It is suitable for interior and exterior use. It is an ideal adhesive with high adherence. It is used as a system component in the BARS PROTHERM Exterior Thermal Insulation System.

PRODUCT INFORMATION

Chemical Structure Cement Based
Appearance / Color Powder / Cement gray

PERFORMANCE

(23°C, %50 Bağıl Nem)

Void Unit Volume Mass of Fresh Mortar	1350 ± 200 kg/m ³	TS EN 1015-6
Grain Size Distribution		
The amount remaining on the sieve with 1 mm opening	%1,0	TS EN 1015-1
Compressive Strength 28 days	6,0 N/mm ²	TS EN 1015-11
Flexural Strength 28 days	2,0 N/mm ²	TS EN 1015-11
Adhesion Strength to Substrate: 28 days	0,5 N/mm ²	TS EN 1015-12
Adhesion Strength to Thermal Insulation Board	0,08 N/mm ²	TS EN 13494
28 Days		
Water Absorption: (after 30 minutes)	5 gr	TS EN 12808
Water Absorption: (after 240 minutes)	10 gr	TS EN 12808

These values were obtained as a result of laboratory experiments carried out in our company and are valid for the performance of finished applications at the end of the full drying period. The values may change as the temperature and humidity values in the construction site environment and the application surfaces and areas will vary.

930 PROTHERM YP



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USAGE AREAS

It is used for adhering XPS (extruded polystyrene), EPS (expanded polystyrene), polyurethane, rock wool and similar sheets to exterior facades, walls, ceilings and floors.
On interior and exterior facades; It can be easily used on mineral surfaces such as brick, cement-based plaster, aerated concrete, etc.

APPLICATION INSTRUCTIONS

Surface; It must be cured, dry and sound. It should be cleaned of any residues such as oil, grease, dirt, paint, salt vomit that would prevent adhesion. The surface should be rough.
Slowly pour 25 kg of PROTHERM YP into 5 - 6 liters of water and mix with a low-speed mixer until no lumps remain. The mortar is left to rest for 5-10 minutes to mature. It is mixed again before application.

APPLICATION EQUIPMENT

Hand mixer - Trowel - Steel trowel - Notched trowel

APPLICATION

If the application will be done point by point :

It is applied as a 5 cm wide strip in the form of a frame around the thermal insulation board. Then, it is applied pointwise in the form of 2-3 8-10 cm diameter clusters in the middle of the panel.

If the application will be made superficially ;

Spread the mortar over the entire surface of the insulation board with an 8 mm square toothed notched trowel.

The panel is adhered to the wall by pressing. During the gluing process, check whether the boards are at the same level with a gauge or spirit level. The prepared mortar should be consumed within 3 hours, and expired mortar should be disposed of. Depending on the ambient temperature and surface properties, PROTHERM SD mechanical anchoring is done after at least 24 hours.

LIMITATIONS

To obtain optimum quality, please adhere to the application instructions. Application should be made between +5 C and +30 C. Application should not be made in hot, rainy and windy weather. Application should not be made on surfaces at risk of frost. The product should be protected from rain, water, frost and negative external factors until it is cured .



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930 PROTHERM YP



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CONSUMPTION

4-5 kg/m²

PACKAGING

In 25 kg kraft bag, (on pallet) 64 pieces, 1600 kg)

SHELF LIFE

It is 1 year from the date of production in its original packaging in a moisture-free, dry and cool environment (temperature between +5 C and +25 C). The mouth of the containers should be tightly closed when not in use. It should be kept away from moisture.

STORAGE CONDITIONS

It should be stored in its unopened original packaging in a dry and cool (temperature between +5 C and +25 C) environment free of moisture. It should not be left under direct sunlight.

SAFETY

Çimento esaslı oldu undan tozunu solumayınız, cilde ve göze temas ettirmeyiniz. Maske kullanınız. Koruyucu eldiven, gözlük ve elbise kullanınız. Göz teması halinde hemen bir doktora ba vurunuz. Çocukların ula amayaca ı yerde saklayınız. Deri teması halinde bol su ve sabun ile yıkayınız. Yutmayınız. Detaylı bilgi ve tavsiyeler için lütfen Güvenlik Bilgi Formuna ba vurunuz .

LEGAL NOTES

Our technical data sheet is DEKOSTAR LTD., which has a wide range of usage areas. ŞTİ. It has been prepared to give general information about the products and to show the technical features of the products. It is a recommendation and this information is about the correct application, ground, air, equipment, etc. It is valid under the conditions and when the products are stored under the recommended conditions.

DEKOSTAR LTD. ŞTİ. Since it cannot control the conditions under which its products are used, it does not accept any responsibility for the application result and does not guarantee it. The user of the product must test the suitability of the product before using it.

DEKOSTAR San. will be liable for application errors that may occur if the product is used for purposes other than its intended purpose or if the application conditions and recommendations stated above are not followed. and Tic. Ltd. Ltd. is not responsible and has the right to change the features of its products without notice. Users should always refer to the latest edition of the Product Technical Data Sheet for the relevant product.



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