

BASECOAT THERMO



Crackproof organic coat for thermal insulation boards, in paste form



■ PROPERTIES

Flexible, organic, fiber-reinforced acrylic-based coating, that is ready to use. Distinguished for its strong adhesion, its ease and speed of application. It ensures high resistance to compression, flexion and impact, as well as to temperature variations and moisture. It provides high durability against cracks and tenfold resistance to impacts when compared to cement-based systems.

Classified as a type V2, W3 coating based on organic binders per EN 15824.

■ APPLICATIONS

BASECOAT THERMO, reinforced with the fiberglass mesh DS-4160 of DUROSTICK, is used as a coating over thermal insulation boards for external thermal insulation composite systems of buildings.

Ideally combines with silicone and acrylic plasters, such as HYDROSTOP SILICONE PLASTER, HYDROSTOP ACRYLIC PLASTER and HYDROSTOP THERMO PLASTER of DUROSTICK, without the need of any priming.

■ USE

1. Surface preparation

Make sure that the thermal insulation boards have been installed from the bottom up, in direct contact

with each other and without any gaps, and that the wall/masonry is level.

2. Application

Before use, lightly mix the product with a low rpm electric mixer. Continue by applying the product onto the entire surface using a 5mm notched trowel and while the coat is fresh, encase the fiberglass mesh, DUROSTICK DS-4160 of DUROSTICK. All fiberglass mesh pieces must overlap the previous one by 10cm. Embed the mesh into the product by pressing with a smooth trowel. Smooth the surface and remove any excess product.

■ NOTES

- The surface of the thermal insulation board must be clean and dry.
- In normal conditions, the product can be coated after 24-48 hours.
- Avoid applying the product when the surface is exposed to direct sunlight or/and strong winds, or when there is a possibility of rain in the following hours.

■ CLEANING

All tools and residues are cleaned with water

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while the material is still fresh. Hands are rinsed with lukewarm water.

■ CONSUMPTION

1.5-2.0kg/m²/mm thick coat.

■ STORAGE

Store in the factory sealed containers, in places protected from frost, for 18 months from production date.

■ SAFETY DIRECTIONS

The product needs no hazard labeling under current European and National legislation.
However, it is recommended to keep away from the reach of children. If swallowed, seek immediate medical advice and show the container or label.

■ PACKAGING

25kg Container on a 600kg pallet (24 pcs)

TECHNICAL SPECIFICATIONS	
■ Form - Color	Paste - light gray
■ Bulk density	1.65±0.05kg/lt
■ Water vapor permeability	V2 (EN ISO 7783-2, V2: Medium 0.14 ≤S _D < 1,4m)
■ Water absorption	W3 (EN 1062-3, W3: Low w≤0.1kg/m ² ·h ^{0.5})
■ Adhesion strength	0.4 Mpa (EN 1542)
■ Thermal conductivity	λ = 0.7 W/(m·K) (EN 1745)
■ Reaction to fire	Class C
■ Drying time	4-6 hours (at 23°C and 50% relative humidity)
■ Application temperature	From +5°C to +35°C

V.O.C. (Volatile Organic Compounds):

Limit of maximum V.O.C. content EU (Directive 2004/42/CE) for this product (category A/c: 'Coatings for exterior walls of mineral substrate', Type WB): 40gr/lt (2010). The ready to use product contains max 39gr/lt V.O.C.

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