

BASECOAT THERMO



Anti-cracking organic coat of thermal insulation boards, in paste form



PROPERTIES

Flexible, organic, fiber-reinforced acrylic-based coating, ready to use. It is distinguished for its strong adhesion, its ease and speed of application.

Ensures high resistance to compression, flexion and impact, as well as to temperature changes and humidity.

Classified as render plaster based on organic binders per EN 15824.

APPLICATIONS

BASECOAT THERMO, enforced with the fiberglass mesh DUROSTICK DS-4160, it can be used as a coating of thermal insulation boards to External Thermal Insulation Composite System of buildings.

Combines perfectly with silicone and acrylic plasters, such as HYDROSTOP SILICONE PLASTER and HYDROSTOP ACRYLIC PLASTER by DUROSTICK, without the need of priming.

USE

1. Surface preparation

Check that the thermal insulation boards are placed from bottom to top, in contact, without gaps and that the masonry is leveled.

2. Application

Stir the product gently before use, using a low-rpm drill. Continue by applying to the entire surface using a 5mm notched trowel and while the coat is fresh, incorporate the fiberglass mesh, DUROSTICK DS-4160 by DUROSTICK, making sure that the strips of the fiberglass mesh overlap by 10cm. Press with a flat trowel, so that it is completely incased in the material. This is followed by sanding the surface and removing excess material.

NOTES

- The surface of the thermal insulation board must be clean and dry.
- In standard conditions, it can be coated 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.

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CLEANING

All tools and residues are cleaned with water while the material is still fresh. Hands are rinsed with lukewarm water.

CONSUMPTION

1.5-2.0 kg/m²/mm thick coat

STORAGE

Store in the factory sealed packaging, in places protected from frost, for at least 18 months from date of production.

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

DUROSTICK S.A.

MANUFACTURING OF ADHESIVES, PAINTS & MORTARS
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TECHNICAL SPECIFICATIONS

Form - Color	Paste – light gray
Bulk density	1.65±0.05 Kg/lt
Water vapour permeability	V2 (EN ISO 7783-2, V2: Medium 0.14 ≤S _D < 1.4m)
Water absorption	W3 (EN 1062-3, W3: Low w≤0.1 kg/m ² h ^{0.5})
Adhesion strength	0.4Mpa (EN 1542)
Thermal conductivity	λ = 0.7 W/(m · K) (EN 1745)
Reaction to fire per EN 13501-1	Euroclass C
Cure time	4-6 hours (at 23°C and 50% relative ambient humidity)
Application temperature	From +5°C up to +35°C

V.O.C. (Volatile Organic Compounds): Limit of maximum V.O.C. content EC (Directive 2004/42/EC) 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.

