

Deplast[®]

Cementitious plaster with high strength for covering thermal insulation boards N-Thermon[®] (Part of N-Thermon[®] system)

Description of the product	Deplast[®] is one-component, cement-based, highly elastic fire resistant plaster (class A1) part of the thermal insulation system N-Thermon[®] .
Fields of application	➤ It is applied easily on N-Thermon[®] after the application of N-Thermon[®] Primer and alkaline-resistant fiberglass N-Thermon[®] Mesh 90gr as reinforcement.
Properties/Advantages	<ul style="list-style-type: none"> ➤ The addition of water provides a mixture, which is easily applied on vertical surfaces by means of trowel or rendering machine ➤ High thixotropy. ➤ It is classified as type GP CS IV, W1 mortar according to EN 998-1.
Technical Characteristics	
Mix appearance/Color	Powder - White
Density	1,75-1,80 gr/cm ³
Mixing ratio with water	20% per weight or 5 kg water per sack of 25 kg
Consumption of fresh mix	1,5 Kg/m ² /mm
Temperature for application	Minimum: +5°C Maximum: +35°C
Pot life (at +25°C)	1 hour
Resistance to temperature	-10°C to +80°C
Max. thickness	1,5 mm per layer
Instructions for use	<ul style="list-style-type: none"> • Apply the N-Thermon[®] Glue in an area of the panel size, using a notched trowel • Place the N-Thermon[®] insulating panel with the marked backside in the wet adhesive and roll it out well. Roll out air bubbles to the sides • Apply one coat N-Thermon[®] Primer • After 24h apply 2 layers Deplast[®] with fiberglass mesh N-Thermon[®] Mesh 90gr as reinforcement. • For lower demand application as far as the mechanical strength is concerned, apply one coat Deplast[®] without reinforcement. In this case, add 1 kg Revinox[®] per 25 kg Deplast[®].

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- Finishing may be performed by smoothing the surface with a wooden or plastic plastering trowel. This last operation may be performed when the mortar begins to set.

Notes

- Low temperatures and high humidity during application prolong drying time, while high temperatures decrease it.
- When used in places, which are completely exposed to the sun, wetting during drying of the mortar for 24h is recommended, especially when high temperatures prevail.
- The addition of **Revinex[®]** into Deplast[®] (1kg **Revinex[®]** /25kg Deplast[®]) improves adhesion properties of the mortar.

Packing

Carton bags 25 kg

Storage stability

At least 12 months when kept sealed in its original container in dry and covered place.

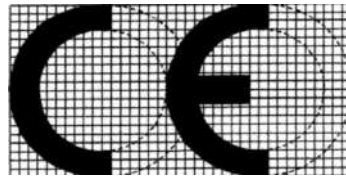
Cleaning of tools

Clean all tools and application equipment with water immediately after use.

Auxiliary materials

- **Revinex[®]** : tin cans 1kg, 5kg and 18kg
- **Fiberglass: N-Thermon[®] Mesh 90gr**

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NEOTEX S.A.
V.Moira str., P.O. Box 2315
GR 19600 Industrial Area Mandra, Athens, Greece

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EN 998-1
Deplast
General purpose rendering mortar (GP)
for external and internal use

Reaction to fire	A1
Compressive strength	CS IV
Adhesion	≥ 1,0 N/mm ² FP: B
Water absorption	W1
Water vapour diffusion coeff. (μ)	μ ≤ 20
Thermal conductivity (λ _{10,dry,mat})	λ _{10,dry,mat} = 0,45W/mK