

ESTABLISHED IN 1959

CONSTRUCTION CHEMICALS



www.neotex.gr • e-mail: neotex@neotex.gr

ATHENS: V. MOIRA, INDUSTRIAL AREA MANDRA, 19600, ATHENS, GREECE, TEL.: +30 210 5557579, FAX: +30 210 5558482

THESSALONIKI: 10th km N.R THESSALONIKIS-POLIGIROU, 57001, THERMI THESSALONIKI, GREECE, TEL.: +30 2310 467275, FAX: 2310 463442

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	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/m²/mm
Temperature for application	Minimum: +5°C
	Maximum: +35°C

Pot life (at +25°C)

Resistance to temperature

Max. thickness

1 hour

-10°C to +80°C

1,5 mm per layer

Instructions for use

- 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 Revinex® per 25 kg Deplast®.

A E O E D E D E D E D

The information supplied in this datasheet, concerning the uses and the applications of the product, is based on the experience and knowledge of NEOTEX® SA .It is offered as a service to designers and contractors in order to help them find potential solutions. However, as a supplier, NEOTEX® SA does not control the actual use of the product and therefore cannot be held responsible for the results of its use. As a result of continual technical evolution, it is up to our clients to check with our technical department that this present data sheet has not been modified by a more recent edition.



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Finishing may be performed by smoothing the surface with a wooden or plastic plastering trowel. This last operation may be

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	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 (λ10,dry,mat)	λ 10,dry,mat = 0,45W/mK



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