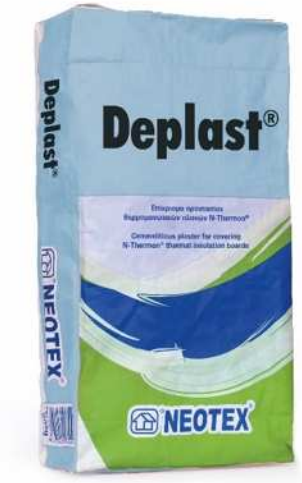
Deplast®

Specially designed elastic white plaster, for the protection of N-Thermon® boards

Description

Specially designed, high-strength resinous fire-resistant (class A1) white cement-based plaster of high elasticity.
As part of **N-Thermon® System**, it constitutes the ideal solution for the protection of **N-Thermon®** insulation boards.



Fields of application

- As part of **N-Thermon® System** on top of **N-Thermon®** insulation boards, reinforced with the alkali-resistant fiberglass mesh **N-Thermon® Mesh 90gr**
- Plastering-leveling of masonry, creating a smooth surface

Properties - Advantages

- High impact resistance
- Easy and quick application on vertical applications
- Excellent adhesion
- Facilitates the creation of a smooth surface, due to its fine granulometry
- Suitable also for exterior use

Packing

25kg

Certificates – Test reports

- CE certification acc. to EN 998-1
  Classified as general purpose rendering mortar GP-CS IV-W2
- Test report by the external quality control laboratory Geoterra (No. 43/2013)
- Part of the certified system **N-Thermon® 6mm – Deplast®** with respect to reaction to fire
  *System classification **B-s1,d0** acc. to EN 13501-1 based on the classification report No. 0143\DC\REA\13_3 and individual test reports acc. to EN 13823 and EN ISO 11925-2 (No. 0143\DC\REA\13_1 & 2) by the external accredited laboratory CSI S.p.A.*

Technical characteristics	
Water requirement per bag of 25kg	5L
Maximum grain size (D_{max})	0,6mm
Compressive strength (EN 1015-11)	≥12MPa (CS IV)
Flexural strength (EN 1015-11)	≥5MPa
Adhesion strength (EN 13892-8)	≥1MPa
Reaction to fire (EN 13501-1)	Class A1
Maximum application thickness (per layer)	1,5mm
Consumption: 1,5kg/m² per mm of thickness	

Application conditions - Curing details	
Application temperature (ambient - substrate)	+5°C min. / +35°C max.
Pot life (+25°C)	1 hour
Waiting time for additional layer (+25°C)	12 hours
**Low temperatures and high humidity during application and/or curing prolong the above times, while high temperatures reduce them*	

Instructions for use

Substrate preparation

The surfaces must be stable, clean, dry, protected from rising moisture and free of dust, oil, grease and loose materials. The surfaces must be continuous (ie without voids, cracks, etc.). Otherwise, any irregularities should be smoothened out and/or repaired with proper repairing products. In case of application on cementitious substrates, these must be rough and moistened with water in advance.

Application

To the indicated amount of clean water, the respective amount of **Deplast®** is gradually added, while stirring thoroughly with a low-speed stirrer, in order to obtain a homogeneous mixture without lumps and of the desired workability. The mixture is applied on the surface by trowel in a thickness up to 1,5mm, by pressing sufficiently the material on the surface.

*As part of **N-Thermon® System***

After 24 hours have passed from the application of the quartz primer **N-Thermon® Primer**, the first layer of the plaster **Deplast®** is applied by notched trowel and, at the same time, the alkali-resistant fiberglass mesh **N-Thermon® Mesh 90gr** is incorporated by smooth trowel. After 12 hours, the second layer of **Deplast®** is applied. Finishing may be done by smoothing the surface with a plastering trowel, as soon as the mortar begins to set.

Special notes

- When the mixture starts to harden, it is not recommended to add any extra water for improving its workability
- The freshly laid material should be protected from fast drying and exposure to sun, rain, frost, as well as strong wind currents
- The addition of **Revinex®** in **Deplast®** (1kg **Revinex®** /25kg **Deplast®**), improves the adhesion properties and the impermeability of the mortar

Appearance	Cementitious mortar
Colour	White
Packing	25kg in paper bags
Cleaning of tools – Stains removal	By water immediately after application. In case of hardened stains, by mechanical means
UFI code	5XH0-Y07M-700N-4AJT
Storage stability	12 months, stored in its original sealed packing, protected from frost, humidity and exposure to sunlight

CE

NEOTEX S.A.
V.Moira str., P.O. Box 2315
GR 19600 Industrial Area Mandra, Athens, Greece
(Production factory 2)

13

DoP No.: 4950-32

EN 998-1 GP-CS IV-W2

Deplast®

General purpose rendering mortar (GP)
for interior and exterior use

Reaction to fire	A1
Compressive strength	CS IV
Adhesion	≥1N/mm^2 – FP B
Water absorption	W2
Water vapour diffusion coefficient	μ≤765
Thermal conductivity $\lambda_{10,dry,mat}$	0,45 W/mK (tabulated value)
Durability	Complies to 5.3.2

HEADQUARTERS - PLANT
V. Moira str., Xiropigado
LOGISTICS SALES & CENTER
Loutsas str., Voro

P.O. Box 2315, GR 19600
Industrial Area Mandra
Athens, Greece
T. +30 210 5557579

NORTHERN GREECE BRANCH
Ionias str., GR 57009
Kalochori, Thessaloniki, Greece
T. +30 2310 467275

www.neotex.gr ● export@neotex.gr