

## **N-Thermon<sup>®</sup> Mesh 145gr**

**Alkali-resistant fiberglass mesh 145gr/m<sup>2</sup>,  
for reinforcement of external thermal insulation systems**



### Description

White alkali-resistant fiberglass of 145gr/m<sup>2</sup> weight, with mesh dimensions 4,5 x 4,1mm, ideal for the reinforcement of external thermal insulation systems

### Fields of application

- Reinforcement of external thermal insulation composite systems (ETICS)
- Reinforcement of interior and exterior plasters
- Creation of reinforced layers for renovations in facades

### Packing

Roll 50m x 1m

### Properties - Advantages

- Easily applied due to its flexibility
- Excellent resistance to alkalis, thanks to its special fabrication
- Absorbs potential stresses due to moisture or temperature changes
- Excellent compatibility with plasters and cementitious mortars, preventing cracking and swelling
- High tensile strength
- Does not rust or rot

### Certificates – Test Reports

Tested and evaluated acc. to European Technical Assessment EAD 040016-01-0404  
(Glass fibre mesh for reinforcement of cementitious or cement based renderings)

#### Technical characteristics

Mesh dimensions (EAD 040016-01-0404)	4,5 x 4,1mm (±5%)
Weight of finished mesh (EAD 040016-01-0404)	145gr/m <sup>2</sup> (±5%)
Tensile strength – Warp/weft (EAD 040016-01-0404)	>1700 / >2800 N/5cm
Elongation – Warp/weft (EAD 040016-01-0404)	3,7% / 4,2%

## Instructions for use

**N-Thermon® Mesh 145gr** is placed on the still fresh mortar that has been applied and it is incorporated by trowel or similar tool, taking care so that no wrinkles or bubbles are created.

It is recommended that the rolls of the reinforcement overlap by at least 10cm.

<b>Colour</b>	White
<b>Packing</b>	Roll of dimensions 50m x 1m
<b>Versions</b>	<b>N-Thermon® Mesh 160gr</b> , of 160gr/m <sup>2</sup> weight, with mesh dimensions 4,6 x 3,5mm
<b>Storage stability</b>	Unlimited, if stored in its original packing without wrinkles, indoors in dry conditions and temperatures between +5°C and +30°C. The rolls must be positioned vertically, avoiding stacking them to prevent possible deformations that may put the application at risk.

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 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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