

N-Thermon® Glue

Special glue for bonding N-Thermon® insulation boards on walls and ceilings

Description

Specially designed acrylic-based glue, ideal for bonding N-Thermon® insulation boards on smooth construction surfaces. Part of N-Thermon® System.

Fields of application

On smooth surfaces of walls and ceilings, prior to bonding N-Thermon® insulation boards

Properties - Advantages

- Presents very strong adhesion properties and elasticity
- Exhibits excellent resistance to adverse weather conditions
- Slows down mould growth even under very humid conditions
- Suitable for interior and exterior applications
- Ready to use and easy to apply



Packing

15kg, 5kg and 1kg

Technical characteristics

Density (EN ISO 2811-1)	1,45kg/L (±0,1)
pH (ISO 1148)	8-9

Consumption: 700 gr/m² on smooth surfaces

Application conditions

Substrate moisture content	<4%
Relative air humidity (RH)	<70%
Application temperature (ambient - substrate)	+5°C min. / +35°C max.



Curing details

Drying time (+25°C)	24 hours
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** Low temperatures and high humidity during application and/or curing prolong the above time, while high temperatures reduce it*

Instructions for use

Substrate preparation

The surface must be stable, clean, dry, protected from rising moisture and free of dust, grease, oil and loose materials. Any poorly adhering materials and older coatings should be removed, and the surface should be thoroughly cleaned mechanically or chemically. In case the surface has been infected with mould, it is necessary to initially clean it with a proper mould remover or bleach diluted with water and thoroughly rinse with clean water.

The surfaces should be sufficiently smooth, flat and continuous (e.g. without cracks, voids etc.). Otherwise, possible irregularities should be smoothed out and/or repaired with appropriate repairing materials.

Application

N-Thermon® Glue is spread evenly on the surface with a notched trowel in a thin uniform thickness. The amount of glue used each time should be sufficient just for the surface of one **N-Thermon®** board.

The thermal insulation **N-Thermon®** board is placed on top of the liquid glue, pressed against the wall with the aid of a pressure roller. The air should come out entirely by pressing to the sides. The glue must be left to dry for 24 hours (+25°C). **N-Thermon® Glue** may be also used afterwards for puttying the joints between the **N-Thermon®** boards.

In case the glass fiber fabric **Gavatex®** is to be bonded on the **N-Thermon®** boards, **N-Thermon® Glue** is applied by roller or brush, diluted ~10% with water.

Special notes

- **N-Thermon® Glue** is not suitable for application in large thicknesses
- Prior to the application of **N-Thermon® Glue**, depending also on the substrate and the need for its stabilization, proper priming of the surface may be required (e.g. by **Revinex®** diluted with water in ratio **Revinex®**: water - 1:4 or by **Silatex® Primer**)

Appearance	Paste of high viscosity
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Packing	15kg, 5kg and 1kg in plastic pails
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Cleaning of tools – Stains removal	By water immediately after the application. In case of hardened stains, by mechanical means only.
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Volatile organic compounds (V.O.C.)	V.O.C. limit acc. to the E.U. Directive 2004/42/CE for this product of category AgWB: 30g/l (Limit 1.1.2010) - V.O.C. content of the ready-to-use product <30g/l
UFI code	D5C0-2000-Q00G-UFHG
Storage stability	2 years, if kept in the original sealed packaging, protected from frost, humidity and exposure to solar radiation.

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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