

NATIS INDUSTRIAL

SEMI-LIQUID VERSION
THERMAL INSULATION FOR METALS

MANUAL FOR THE CORRECT APPLICATION OF NATIS INDUSTRIAL NANOTECHNOLOGY INSULATION.



Description. Natis Industrial is an innovative semi-liquid nanocomposite product particularly suitable for effective thermal insulation of metal or plastics. It is white in colour.

Benefits. High-performance thermal insulation capabilities are combined with anti-condensation and breathable properties. It is also anti-oxidation and completely fireproof. The thin protection that is created is able to drastically reduce heat loss in both hot and cold conditions. Natis Industrial can be applied on any type of metal surface, such as steel, iron, aluminium, etc.

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Applying. The application method of the Natis Industrial product is with an Airless piston type Graco Mark VII HD using pressure of 180-200 bar, with 517 or 617 nozzles.

For small surfaces, a pneumatic plastering gun with a 5-litre funnel can be used. 1/4" air connection. 4, 6, 8 mm nozzles. Pressure of 2 or 4 atmospheres. With relative compressor.

It is important to foresee cross coats, remembering that this is an insulator and not a simple paint. Each coat allows approximately 1 millimetre of product to be applied. The maximum recommended thickness is 4 millimetres.

SUGGESTIONS FOR INDUSTRIAL APPLICATION

Installation to be carried out by qualified personnel. Metal surfaces must be clean, free of dust, oxidation, oil, dirt in general, etc. Before application, in order to ensure good adhesion of the product, the installer will check whether or not any substrate restoration or sanding is necessary. Natis Industrial does not normally needs a primer.

Natis Industrial arrives ready and you only need to pre-mix it with a mechanical stirrer at Natis buckets should be stored in a dry place and at temperatures above 5° C and below 35° C.

The same temperature indications are those within which Natis Industrial can be applied. The same temperature indications are those within which the insulation product can be applied. Natis Industrial cannot be left out in the rain during the drying phases. Once the application of Natis Industrial is complete, it will then be possible to proceed with simple colour painting.

Please note: *The above statements are based on the knowledge and experience gained to date through the various construction applications we have carried out. They do not constitute any legal guarantee. When using the products, the specific conditions of each individual situation must always be taken into account.*

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