



TECHNICAL DATA SHEET NANO PT

Basic penetration coating suitable for strengthening all types of absorbent mineral surfaces.

Advantages:

- ✓ No dilution
- ✓ High solids content
- ✓ High yield
- ✓ Low volatile organic matter content
- ✓ Very quick penetration into the substrate structure

Technical properties:

NANO PT is a deep penetration coating designed to stabilize and consolidate mineral substrates. It penetrates very quickly into the structure of materials and unifies their absorption. It is colourless, solvent-free and odour-neutral. It is suitable for thin-layer plasters. Thanks to its fast drying time, it makes construction work easier. It is used for all common absorbent substrates such as concrete, aerated concrete, plaster-board, plaster, gypsum, chipboard, and the like. In the NANO COAT SYSTEM, it is primarily intended as a substrate for direct application of NANO TC or NANO COAT HOME.

Fields of application:

Deep-drying, penetrating primer, suitable for use on walls, ceilings and floors, ready without dilution for direct indoor and outdoor use. It is used to reinforce all the absorbent substrates. It reduces their absorbency, strengthens them and facilitates subsequent application of building layers: cover layers, adhesives, sealants, plasters, coats, and paints. Due to its high solids content, it provides excellent adhesion to other layers. It is used to penetrate absorbent substrates before applying ceramic tiles, screeds, levelling screeds, paints, plasters or thermal insulation.

Composition:

Solvent-free deep primer based on acrylic dispersion with high solids content (7.08%).

Application:

- 1: The substrate must be sufficiently stable, dry, free of all dirt, dust, oil and grease.
- 2: Shake and apply with a brush or roller several times before use.
- 3: Be careful not to wet the substrate as it may adversely affect the adhesion of other layers.

Shelf life:

24 months in the original, unopened packaging, according to storage conditions.

Packaging volume in litres:

1 l, 5 l

Yield:

approx. 60 - 80 ml/m² depending on substrate absorbency.

Technical specifications:

Wet volume density (pw): 1006 kg/m³
Solids: 7.08 %
VOC: 0.191 g/l
Colour: colourless

Storage:

After opening, store closed in a dry place away from sources of heat and direct sunlight at temperatures between +5 and +30 °C.

Drying time:

Drying time: 1-3 hours at 23 °C and 50 % relative humidity.

Product certification

NF EN 15804 + A1
STN EN ISO 11890 - 2



H010819

Precautions:

Although NANO PT is not considered to be a hazardous product, it may in rare cases cause an allergic skin reaction. Avoid inhalation of dust/smoke/mist/aerosols when using, wear protective gloves and clothing. Wash skin with plenty of water. Maximum content of volatile organic compounds in the state where the product is ready for use: 0.191 g/l. VOC limit value: A/h, WB, 30 g/l.



Outdoor use



Indoor use



ECO



Rapid drying



Odour neutral

Caution:

The information provided is based on the current state of our product knowledge and applicable laws. Any person using the Product for any purpose other than as expressly recommended in the Technical Data Sheet and Safety Data Sheet makes this at their own risk. It is always the responsibility of the user to take all necessary steps to comply with the requirements set out in the regulations and related legislation. Always read the Safety Data Sheet and Product Data Sheet. Any advice we provide or any product statement we have made is, to the best of our knowledge, correct, but we assume no responsibility for the quality and condition of the substrate, or for any other factors affecting the use and application of the product. We assume no liability for any loss or damage resulting from the use of the product for any purpose other than that specified in the Technical Data Sheet and the Safety Data Sheet. All the supplied products and technical advice are subject to our general terms and conditions. The information contained in this letter may be changed at any time. More detailed health and safety information, together with safety information (e.g. physical, toxicological, and environmental data) is provided in the Safety Data Sheet.

For current product information, Declaration of Conformity and Certificates, please visit www.helskeenergysave.com