

Gypsum plasterboard

NIDA Smart H 12,5

Product data sheet

Description:

NIDA Smart H 12,5 mm is a plasterboard, with a gypsum silicone additive-enhanced, which ensures a low water absorption in the core.

Due to the optimized weight, the board is easy to handle and can be installed quickly, making it ideal for plasterboard construction works in area with intermittent humidity that requires a short execution time. Surfaces and longitudinal edges are covered with a special cardboard. The color of the upper face is green.

Characteristics:

Thickness	12,5 mm
Width	1200 mm, 1250 mm
Length	2000 mm, 2500 mm, 2600 mm
Edge type	tapered (BA)
Weight*	7.10 kg/m ²
Density*	565 kg/m ³
Classification type	AH3 board
Fire reaction class	A2-s1,d0
Thermal conductivity	0,20 W/mK
Longitudinal flexural strength	550 N
Transverse flexural strength	210 N
Packaging	72 boards/pallet
SAP code	1200 x 2000 mm 163800 1200 x 2500 mm 163804 1200 x 2600 mm 163805 1250 x 2000 mm 175758

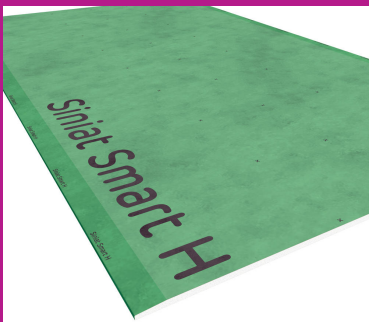
* These values are for information purposes.

The board meets the requirements of standard SR EN 520+ A1: 2010.

Uses:

NIDA Smart H 12,5 mm is used in living spaces and homes for:

- ▶ construction works that requires a fast execution
- ▶ interior finishes design, decorative elements, support for ceramic tiles
- ▶ plasterboard interior construction works (walls, ceilings and linings) from areas with intermittent moderate humidity (bathrooms, kitchens, attics)





Water Resistance



Easy to cut,
fix and handle



Durability

Storage and transport:

The high quality of the finish using NIDA Smart H 12,5 mm boards is ensured subject to observing the following recommendations:

- ▶ the boards should be transported with their lateral edge placed vertically, or using special transportation means (carts, forklifts, trucks)
- ▶ the boards should be stored on pallets or wood spacers, placed at an equal distance of approx. 50 cm. The packs should be stored on dry, smooth floors, so as to prevent damages (deformation or breaking)
- ▶ the boards should be stored and installed inside, at temperatures between 5-40°C, in rooms with relative humidity of maximum 60%
- ▶ the boards which get wet during storage should be completely dried prior to installation. In order to dry, the boards should be placed vertically on a level floor, so as to allow air to flow freely between them
- ▶ the boards should not be stored under direct sunlight for long periods of times
- ▶ when storing the boards, take into account the loadbearing capacity of the floor. E.g.: 72 plăci NIDA Smart H boards with the thickness of 12,5 mm place a weight of about 511 kg/m² on the floor.

Protection measures:

NIDA Smart H 12,5 mm boards are not classified as products with a high hazard degree. When installing the boards, observe the general site-specific health and safety rules. When installing the boards, use proper tools. When cutting the boards, wear helmet, gloves and goggles.

Procedure and recommendations for use in areas exposed to humidity:

- ▶ in areas at risk of excessive humidity, it is recommended to use plates with superior properties (eg Aquaboard, Cementex)
- ▶ prior to installing ceramic tiles, it is advisable to check the effectiveness of the adhesive on the gypsum board.
- ▶ in areas at risk of infiltration or direct contact with water, it is advisable to waterproof the boards
- ▶ it is recommended for use in plasterboard applications with metal profiles arranged at a distance of 40 cm

Certification:

Quality management integrated system (quality-environment-occupational health and safety) according with the following Standards: ISO 9001:2015, ISO 14001:2015, ISO 45001:2018



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