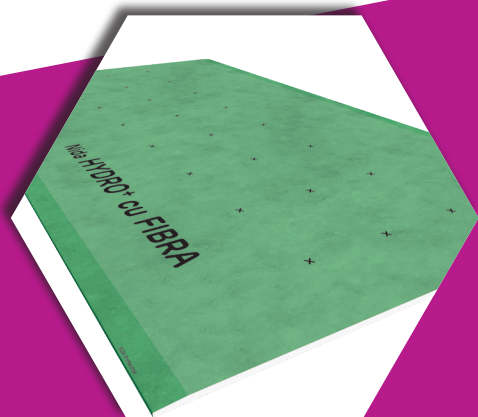


## Plasterboard

# Nida HYDRO PLUS 12,5

### Technical data sheet



### Description:

**Nida HYDRO PLUS 12,5 mm** is a type H2 plasterboard with a core of gypsum reinforced with glass fiber and silicone additive in the composition. This aspect ensures a reduced absorption of water in the core. The surfaces and longitudinal edges are covered by a resistant cardboard. The longitudinal edges are chamfered in a conical shape, and the transversal ones are chamfered at 45°, to obtain perfect joints and easy to finish in a quick time. The upper side is green and shows indications for fixing the screws.

### Characteristics:

Thickness	12,5 mm
Width	1200 mm, 1250 mm
Length	2000 mm, 2500 mm, 2600 mm, 3000 mm
Edge type	conică (BA)
Weight*	8,00 kg/m <sup>2</sup>
Density*	640 kg/m <sup>3</sup>
Classification type	type H2 board
Fire reaction class	A2-s1,d0
Thermal conductivity	0,20 W/mK
Longitudinal flexural strength	550 N
Transverse flexural strength	210 N
Packaging	68 boards/pallet
SAP code	1200 x 2000 mm: 309623 1200 x 2500 mm: 309624 1200 x 2600 mm: 309625 1200 x 3000 mm: 309626 1250 x 2000 mm: 309628

\* These values are for information purpose.

The board meets the requirements of standard SR EN 520+ A1: 2010.  
Technical Approval - fire resistance systems

### Fields of use:

**Nida Hydro Plus 12,5 mm** is intended for interior spaces of buildings, exposed to moderate humidity and is recommended for:

- ▶ wide range of plasterboard systems: walls, linings, shaft walls for plumbing, ceilings, located in spaces with a maximum 80% intermittent relative humidity.
- ▶ in spaces intended for bathrooms and kitchens
- ▶ use as substrate for ceramic tiles
- ▶ plasterboard construction work for new buildings or the modernization and renovation of existing ones



Water resistance



Easy to cut,  
fix and handle



Technical  
performance



Durability

## Procedure of installation:

Recommendations for use in areas exposed to humidity:

- prior to installing ceramic tiles, it is advisable to check the effectiveness of the adhesive on the gypsum board
- in areas at risk of excessive humidity, it is recommended to use boards with superior properties (eg Aquaboard, Cementex)
- in areas at risk of infiltration or direct contact with water, it is advisable to waterproof the boards
- it is recommended to clean the surfaces before fixing the ceramic tiles

## Storage and transport:

The high quality of the finish using Nida HYDRO PLUS 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 time
- ▶ when storing the boards, take into account the loadbearing capacity of the floor. E.g.: 68 NIDA Hydro Plus boards with the thickness of 12,5 mm place a weight of about 544 kg/m<sup>2</sup> on the floor.

## Protection measures:

NIDA Hydro 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.

## Certification:

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



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