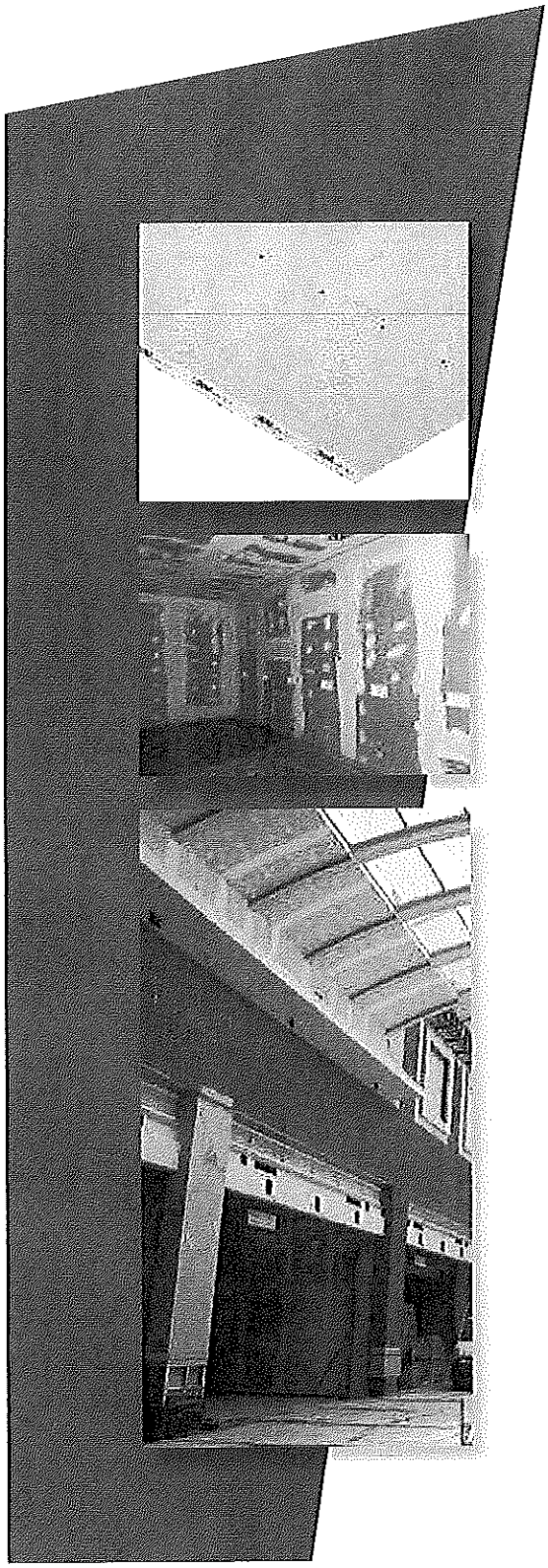
Gypsum plasterboard

NIDA Hydro 12,5

Product data sheet



Description:

NIDA Hydro 12,5 mm is an additive-enhanced plasterboard, which ensures a low water absorption in the core, and whose surfaces and longitudinal edges are covered with a special multilayer cardboard. The color of the upper face is green. The core of the board is enhanced and reinforced with fiberglass to withstand high temperatures

Characteristics:

Thickness	12,5 mm
Width	1200 mm
Length	2000/2500/2600/3000 mm
Edge type	tapered (BA)
Weight*	7,50 kg/m²
Density*	600 kg/m³
Classification type	AH2 board
Fire reaction class	A2-s1,d0
Thermal conductivity	0,25 W/mK
Longitudinal flexural strength	550 N
Transverse flexural strength	210 N
Packaging	68 boards/pallet
SAP code	Length 2000 mm 124078 Length 2500 mm 124079 Length 2600 mm 119372 Length 3000 mm 124081

* These values are for information purposes.
The board meets the requirements of standard SR EN 520+ A1: 2010.

Uses:

NIDA Hydro 12.5 mm is intended for rooms exposed to moderate humidity and is recommended for:

- the realization of non-structural plasterboard elements: cladding, walls, ceilings, decorative elements located in spaces with maximum 80% intermittent relative humidity
- use as substrate for ceramic tiles in bathrooms and kitchens

Water Resistance

Easy to cut, fix and handle

Technical Performance

Durability

Procedure:

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 plates with superior properties (eg Aquaboard, Cementex)
- in areas at risk of infiltration or direct contact with water, it is advisable to waterproof the tiles
- it is recommended to clean the surfaces before fixing the ceramic tiles

Storage and transport:

The high quality of the finish using NIDA Hydro 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.: 60 NIDA Hydro boards with the thickness of 12,5 mm place a weight of about 528 kg/m² 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 sitespecific health and safety rules. When installing the boards, use proper tools. When cutting the boards, wear helmet, gloves and goggles.

Certification:

Quality management system certified according to SR EN ISO 9001:2008.

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