

Plasterboard

NIDA Smart 12,5

Technical Data Sheet



Description:

NIDA Smart 12.5 mm is a plasterboard made of a gypsum core, whose surfaces and longitudinal edges are covered with a special multilayered cardboard. The main side is white.

Characteristics:

Thickness	12,5 mm
Width	1200 mm/1250 mm
Length	2000 mm/2500 mm/2600 mm
Edge	half-round (BA)
Weight*	7,00 kg/m ²
Density*	570 kg/m ³
Classification	board type A
Fire reaction class	A2-s1,d0
Thermal conductivity	0,25 W/mK
Longitudinal flexural strength:	550 N
Transversal flexural strength:	210 N
Packaging	72 boards/pallet
SAP code	1250 x 2000 mm 148480 1200 x 2000 mm 148276 1200 x 2500 mm 148278 1200 x 2600 mm 148279

*Values for information purposes.

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

Use:

NIDA Smart 12.5 mm is specially developed for:

- ▶ quick execution applications
- ▶ exceptional finishes, decorative elements
- ▶ partitioning of technical and living spaces (walls, ceilings)
- ▶ plasterboard systems without special fire resistance requirements, placed in areas with max. 60% relative humidity



Water resistance



Easy to cut, mount
and handle



Durability

Recommendations on storage and transport:

The high quality of NIDA Smart 12.5 mm finishing can be ensured if the following recommendations are observed:

- ▶ the transport of the plasterboards should be made with the transverse edge vertically or by specially adapted means of transport (carts, forklifts, trucks)
- ▶ the plasterboards should be stored on dry and smooth floors (on pallets or spacers arranged at a distance of approx. 50 cm). Store the packages on dry and flat surfaces. This type of storage prevents damage (deformation, break)
- ▶ the plasterboards are stored and mounted indoors, at temperatures between 5-40°C and relative humidity of the rooms of maximum 60%
- ▶ the plasterboards with signs of moisture as a result of the storage, should be perfectly dried before installation. For this purpose, they should be placed upright on a smooth floor, allowing the air circulation.
- ▶ the long term storage for long periods in direct sun light is not recommended.
- ▶ plasterboards storage should be made by considering the load-bearing capacity of the floor.

For example: 72 NIDA Smart boards 12.5 mm thick is a floor weight of approx. 504 kg/m².

Protection measures:

The NIDA Smart 12.5 mm plasterboard is not classified as hazardous product. Observe the general occupational health and safety provisions when mounting the plasterboards. Use the appropriate tools when cutting the plasterboard and wear helmet, gloves and safety goggles.

Certification:

Integrated management system (quality-environment-health and occupational safety) according to the standards: ISO 9001:2008, ISO 14001:2004, respectively OHSAS 18001:2007.



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