Plasterboard

NIDA Smart 12,5

Technical Data Sheet

Description:

Nida Smart 12.5 s a plasterboard made of an optimized core of gypsum and fiberglass. Due to the optimized weight, the board is easy to handle and can be installed quickly, making it ideal for plasterboard construction works in interior dry areas that requires a short execution time. Longitudinal surfaces and edges are covered of a special cardboard. The main face is white.

Characteristics:

Thickness	12,5 mm
Width	600 mm, 1200 mm, 1250 mm
Length	2000 mm, 2500 mm, 2600 mm
Edge	tapered (BA)
Weight*	6,50 kg/m²
Density*	520 kg/m³
Classification	board type A
Fire reaction class	A2-s1,d0
Thermal conductivity	0,19 W/mK
Longitudinal flexural strength	550 N
Transversal flexural strength	210 N
Packaging	128 boards/pallet (l=600 mm) 72 boards/pallet (l=1200/1250 mm)
SAP code	600 x 2000 mm: 316097 1200 x 2000 mm: 148276 1200 x 2500 mm: 148278 1200 x 2600 mm: 148279 1250 x 2000 mm: 148480

* 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:

- interior design works in dry areas
- small and medium-sized works, which require fast construction workflow
- new construction works or for the rehabilitation of existing ones
- applications for the residential field: individual and collective housing, new construction work on attics
- various drywall applications without fire or humidity requirements: interior walls, cladding of concrete elements, masonry and wood, or for decorative ceilings

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Easy to cut,
fix and handle

Technical
Performance

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. 468 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 with the following Standards: ISO 9001:2015, ISO 14001:2015, ISO 45001:2018.

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