

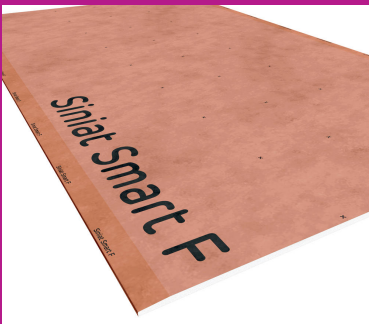
Fire resistance Plasterboard

NIDA Smart F 12,5

Product Data Sheet

Description:

NIDA Smart F 12.5 mm is a plasterboard with a gypsum core reinforced with fiberglass, whose surfaces and longitudinal edges are covered with a special multilayer cardboard. Due to the optimized weight, the board is easy to handle and can be installed quickly, making it ideal for plasterboard construction works with fire resistance up to EI90, that requires a short execution time. The core of the board is enhanced to withstand high temperatures. The color of the upper face is pink.



Characteristics:

Thickness	12,5 mm
Width	1200 mm
Length	2000 mm, 2500 mm, 2600 mm
Edge type	tapered (BA)
Weight*	8.20 kg/m ²
Density*	660 kg/m ³
Classification type	F board
Fire reaction class	A2-s1,d0
Thermal conductivity	0,21 W/mK
Longitudinal flexural strength	550 N
Transverse flexural strength	210 N
Packaging	68 boards/pallet
SAP code	lungime 2000 mm 163003 lungime 2500 mm 163006 lungime 2600 mm 163008

* These values are for information purposes.

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

Uses:

NIDA Smart F 12,5 mm is specially developed for:

- ▶ plasterboard construction works which require short time of execution in interior dry areas
- ▶ plasterboard construction works (interior walls) in areas where fire safety requirements are mandatory, up to EI90 fire resistance

Storage and transport:

The high quality of the finish using NIDA Smart F 12,5 plasterboards 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. 68 NIDA Smart F boards with the thickness of 12,5 mm place a weight of about 558kg/m² on the floor.

Protection measures:

NIDA Smart F 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, ear 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.



Easy to cut,
fix and handle



Technical
Performance



Durability



Etex Building Performance S.A.
No. 98 Vulturilor street, Romania
5-6 floor, 030857 Bucharest, district 3
Phone.: (+4) 031 224 01 00
Fax (+4) 031 224 01 01
www.siniat.ro