

Fire resistance Plasterboard

NIDA Flam 12,5

Product Data Sheet



Description:

NIDA Flam 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. 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, 1250 mm	
Length	2000 mm, 2500 mm, 2600 mm, 3000 mm	
Edge type	tapered (BA)	
Weight*	11.20 kg/m ²	
Density*	890 kg/m ³	
Classification type	DFR board	
Fire reaction class	A2-s1,d0	
Thermal conductivity	0,25 W/mK	
Longitudinal flexural strength	725 N	
Transverse flexural strength	300 N	
Packaging	58 boards/pallet	
SAP code	1200 x 2000 mm	135956
	1200 x 2500 mm	135957
	1200 x 2600 mm	135958
	1200 x 3000 mm	135959
	1250 x 2000 mm	137286

* 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 Flam boards are part of NIDA System (EI30-EI180) plasterboard systems with high fire resistance, and are used in spaces with fire-protection requirements (walls, claddings, ceilings).



Easy to cut,
fix and handle



Technical
Performance



Durability

Storage and transport:

The high quality of the finish using NIDA Flam 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. 58 NIDA Flam boards with the thickness of 12,5 mm place a weight of about 650 kg/m² on the floor.

Protection measures:

NIDA Flam 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, 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.



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