Fire resistant plasterboard

NIDA Flam Extra 15 mm

Technical Data Sheet

Description:

NIDA Flam Extra 15 mm is a plasterboard with a gypsum core reinforced with fiberglass, whose surfaces and longitudinal edges are covered with a special multilayer cardboard. The board, with a controlled density which must be at least 0.8 x 10^3 Kg/m^3, have the core enhanced to withstand high temperatures. The color of the upper face is pink.

Characteristics:

Thickness	15 mm
Width	1200 mm
Length	2000 mm, 2500 mm, 2600 mm, 3000 mm
Edge type	tapered (BA)
Weight*	12,35 kg/m^2
Density*	820 kg/m^3
Classification	type DFR board
Fire reaction class	A2-s1,d0
Thermal conductivity	0,25 W/mK
Longitudinal flexural strength:	870 N
Transverse flexural strength	360 N
Packaging	50 boards/pallet
SAP code	Lenght 2000 mm: 167558 Lenght 2500 mm: 167566 Lenght 2600 mm: 167569 Lenght 3000 mm: 167571

*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 Extra 15 mm boards are part of NIDA System plasterboard systems with high fire resistance EI180, and are used in spaces with fire protection requirements (walls, linings, ceilings). Flam Extra 15 mm is mainly used in the construction of EI180 fireproof double layer wall systems.

Easy to cut,
fix and handle

Technical
Performance

Durability

Recommendations, storage and transport:

The high quality of the finish using NIDA Flam Extra 15 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. 50 NIDA Flam Extra boards with the thickness of 15 mm place a weight of about 618 kg/m² on the floor.

Protection measures:

NIDA Flam Extra 15 mm boards are not classified as products with a high hazard degree. When installing the boards, observe the general site specific health andsafety 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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