

## Product Data Sheet

# LaDura 15



### Description:

LaDura 15mm is a plasterboard made of a high density gypsum core, with additives against humidity, reinforced with highly resistant wood fibers and glass fiber whose surfaces and longitudinal edges are covered by a special multilayer cardboard.

Designed especially for applications with intense and extreme use, the highly dense LaDura plasterboard meets the most demanding requirements:

- ▶ fire protection
- ▶ high acoustic level
- ▶ resistance to humidity
- ▶ resistance to shearing
- ▶ resistance to pull off
- ▶ resistance to impact.

### Characteristics:

Thickness	15mm
Width	1250mm
Length	2600mm
Edge	tapered (BA)
Weight*	15,4 kg/m <sup>2</sup>
Density*	1025 kg/m <sup>3</sup>
Classification	plasterboard type D, F, H1, I, R
Hardness (Brinell)	≥35 N/mm <sup>2</sup>
Maximum application temperature	45 °C
Fire reaction class	A2-s1,d0
Thermal conductivity	0,25 W/mK
Longitudinal flexural strength	870 N
Transversal flexural strength	360 N
Resistance to shearing	908 N
Packaging	40 boards/ pallet
Resistance to shearing (according to BS EN 520, section C13)	0,91 kN
Maximum recommended resistance to pull off - simple lining	50 kg/fixing (Molly dowel) 70 kg/m wall
Maximum recommended resistance to pull off - double lining	85 kg/ fixing (Molly dowel) 200 kg/ m wall
SAP Code	104201

\* Values for information purposes.

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



Water resistance



Easy to cut, mount  
and handle



Technical  
performance



Durability



## Use:

LaDura plasterboard is ideal for use in:

- ▶ crowded traffic areas (eg hallways of hospitals, schools, gyms etc.)
- ▶ public spaces that are prone to vandalism
- ▶ schools, hospitals, gyms
- ▶ cinemas, museums and art galleries
- ▶ en-gros and retail warehouses
- ▶ prisons, detention centers, etc.

## Recommendations, storage and transport:

The high quality of finishing with LaDura 15 mm can be ensured if the following recommendations are observed:

- ▶ the transport of the plasterboards should be made with the transverse edge vertically or with specially adapted means of transport (carts, forklifts, trucks)
- ▶ the plasterboards should be stored on dry and smooth floors (on pallets or spacers arranged at maximum 50 cm distance). The packages are stored on dry and flat floors. This type of storage prevent damage (deformation, break)
- ▶ the plasterboards are stored and mounted indoors, at temperatures between 5-45°C and relative humidity of the rooms of maximum 60%
- ▶ the plasterboards that were moist during storage, should be perfectly dried before installation. For this purpose, they shall 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 40 boards LaDura 15 mm thick is approx. 626kg/m<sup>2</sup> on the floor.

## Safety measures:

The board LaDura 15 mm 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:

Quality management systems in accordance with the standard SR EN ISO 9001:2008.

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