

# FIBRAN SUPER 15

## Plasterboard for interior use



### Datasheet



### Description

FIBRAN SUPER coated gypsum board with high mechanical resistance and surface hardness, reduced water absorption, with glass fibre and vermiculite additives to increase fire resistance, **CE marked type D,I,F,H1,R** in compliance with UNI EN 520 and, in the 12.5 mm thickness only, also with the French NF standard. It does not emit pollutants - it has an A+ classification according to EN ISO 16000-09 and has passed the Eurofins **Indoor Air Confort Gold test**.

It is identified by the light blue colour of the visible face. Available in the version:

- BA15 nominal thickness 15mm

### Fields of application

Suitable for the construction of interior walls, counter walls, false ceilings and finishing elements where greater mechanical strength (+30% compared to standard sheets), resistance to abrasion and surface scratching, acoustic insulation, fire and moisture resistance are required.



Features	U. M.	Value	Standard
Edge	-	BA tapered edge	EN 520
Width	mm	1200	EN 520
Thermal conductivity (at 10°C)	W/mK	$\lambda_D = 0,25$ theoretical value	EN 10456
Reaction to fire	Class	A2-s1,d0	EN 520
High temperature cohesion (F)	min	> 15	-
Specific Heat Capacity	kJ/kg K	$c_p = 1,0$ theoretical value	EN 10456
Water vapor resistance factor	-	$\mu = 10$ theoretical value	EN 10456
Density (D)	Kg/m <sup>3</sup>	> 1015	EN 520
Depression of steel ball (I)	mm	< 15	EN 520
Total water absorption(H1)	%	< 5	EN 520
Surface water absorption(H1)	g/m <sup>2</sup>	< 180	EN 520

Type	Thickness [mm]	Weight [kg/m <sup>2</sup> ]	Length [m]	Flex. long. [N]	Flex. trasv. [N]
BA15	15	15,40	3,0	≥ 550	≥ 250

FIBRAN S.p.A. reserves the right to modify or change the technical data given without prior notice. It is the customer's responsibility to check that the technical information is suitable for the specific intended use. For further technical information please consult [www.fibran.it](http://www.fibran.it) or the Technical Department by writing to [tech@fibran.it](mailto:tech@fibran.it).

# FIBRAN SUPER 15




## Plasterboard for interior use

### Datasheet

#### Application

FIBRAN SUPERSystem allows shelves and wall units to be fixed, with a load capacity of up to 70 kg/m, directly onto the panels, optionally with a perforated bar, without the need to intercept the steel studs of the supporting structure.

FLEXURAL STRENGTH				
	FIBRANgyps A13	FIBRAN SUPER 13	FIBRANgyps A13	FIBRAN SUPER 15
Longitudinal Flexural Breaking Load EN 520	> 600 N	> 725 N	> 650 N	> 870 N
Transversal Flexural Breaking Load EN 520	> 210 N	> 300 N	> 250 N	> 360 N

RESISTANCE TO SUSPENDED LOADS*						
	1 plasterboard FIBRAN SUPER 13		2 plasterboards FIBRAN SUPER 13		2 plasterboards FIBRAN SUPER 13	
	Cutting (kg)		Cutting (kg)		Extraction (kg)	
FASTENING	Laboratory values	Recommended values	Laboratory values	Recommended values	Laboratory values	Recommended values
Picture hanging nail 	36	14	-	-	-	-
Steel anchor, "gold" type 	-	-	80	32	60	24
Steel anchor, «molly» type 	120	48	180	72	150	60

#### Test

The tests performed include resistance to soft body impact, which involves the free-fall release of a 50 kg bag onto the wall at various points and with different intensities; resistance to hard body impact, using a 1 kg steel ball dropped onto the wall in the same manner; and resistance to eccentric load (shelf).

#### RESISTANCE TO ECCENTRIC LOADS\*



##### Load test on shelf

It is possible to fix shelves loaded up to 48 kg directly to the double layer of FIBRAN SUPER panels, using two steel Molly anchors at a maximum distance of 50 cm.

**48kg**

#### Marking on the rear face:

FIBRAN SUPER / thickness 15 mm / CE / D,F,H1,I,R / EN 520 / A2s1,d0(B) / A+.

Date, time of manufacture and D.o.P. number.

FIBRAN S.p.A. reserves the right to modify or change the technical data given without prior notice. It is the customer's responsibility to check that the technical information is suitable for the specific intended use. For further technical information please consult [www.fibran.it](http://www.fibran.it) or the Technical Department by writing to [tech@fibran.it](mailto:tech@fibran.it).