

# fibraplac | RH



Our MDF moisture resistant FIBRAPLAC RH®, obtains this feature thanks to the use of MUF resins (Melamine Urea Formaldehyde). They are elaborated by means of a select composition of wood, that provide the optimum density required by international standards UNE-EN 622-5:2010. It is recognized by its green color according to the norm DIN EN 622-1.

## CHARACTERISTICS

FIBRAPLAC RH® it is an uncoated and moisture resistant board which allows to preserve it's properties in a better way over time. It's smooth and homogeneous composition allows it to receive all kinds of finishing. It is easy to machine it supports the weight very well and it has greater resistance to deterioration by moisture. Due to it's excellent internal compaction and optimal screw grip, it is best alternative to the use of solid wood.



## TECHNICAL SPECIFICATIONS

THICKNESSES mm [± 0,2]	BOARDS / PALLET [U]	FORMAT [m]	DENSITY [kg/m³]	MOISTURE [%]	ABSORPTION 1 h. [% Weight]	SWELLING máx. 1 h. [%]	INTERNAL TRACTION¹ [kg/cm²]	FLEXION² [kg/cm²]	SCREW GRIP [kg]			
5.5	100	1.83 X 2.44 1.83 X 2.75	920 ± 6%	5 - 11	max. 10	max. 40	min. 14	min. 690	N/A			
9	80		720 ± 6%					min. 400				
15	48		620 ± 6%			max. 30	min. 8.5	min. 300	min. 100			
18	40						min. 7	min. 250	min. 70			
25	28		550 ± 6%				min. 6	min. 170	min. 75			
36	20											

- 1 Defines the bonding strenght of the fibers inside the board.
- 2 It is defined by the allowable load capacity that a board supports, considering supports at both ends of it.



This product generates waste cataloged as NOT DANGEROUS

## USES AND APPLICATIONS

- Bathroom and kitchen furniture
- Borders
- Office furniture
- Doors and tables
- Acoustic coatings
- Furniture backgrounds

**...and more**



## ADVANTAGE

- ☒ Ideal for moisture environments
- ☒ Better performance than standard MDF
- ☒ Resistant and versatile
- ☒ Excellent alternative on the use of solid wood.
- ☒ Clean cuts without chipping
- ☒ It can be carved
- ☒ Less wear of tools
- ☒ Low consumption of tints and sealants
- ☒ Easy to handle and transport
- ☒ Optimal exploitation of the board

## RECOMMENDATIONS

- Do not expose the boards directly to the sun or rain, as well as protect the faces and seal the edges.
- Realize the guide perforation and that the screw used has a diameter less than or same to 30% of the thickness of the plate.
- For the sizing stage of the board, the use of gloves, protective goggles and a mask is recommended to avoid contact of dust in the respiratory tract and eyesight.
- For handling transport and storage it is recommended make use elements or machinery of load lifting.