

# Data Sheets



MARINE PLYWOOD

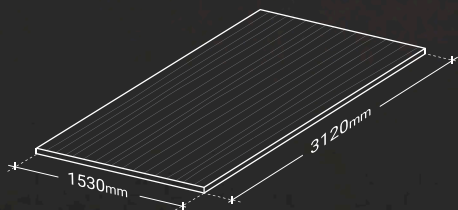
# RINA certified Mahogany

**Sizes** 3120 x 1530 mm

**Weight** 630 kg/m<sup>3</sup> (standard)  
650 kg/m<sup>3</sup> (multi-layered)  
670 kg/m<sup>3</sup> (super-layered)

**Gluing** Class 3 - E0, EN 314-1:2004 regulations  
Melamine adhesive with no  
formaldehyde for standard panels

Class 3 - E1, EN 314-1:2004 regulations  
Phenol - resorcinol adhesive for  
multi-layered and super-layered panels



# TECHNICAL SPECIFICATIONS OF RINA CERTIFIED MAHOGANY MARINE PLYWOOD

## STANDARD

Thickness mm	Plies n°	Weight kg/m <sup>2</sup>	Bending Strength		Bending Modulus	
			Long Grain	Cross Grain	Long Grain	Cross Grain
3	3	1,9				
4	3	2,5				
5	4	3,2				
6	4	3,8				
8	5	5,0				
10	5	6,3	50,0	38,0	7500	4000
12	7	7,6				
15	7	9,5	47,0	34,0	6900	4100
18	9	11,3				
19	11	12,0				
20	11	12,6				
25	15	15,8				
30	19	18,9				

## MULTI-LAYERED

Thickness mm	Plies n°	Weight kg/m <sup>2</sup>
6	5	3,9
10	7	6,5
12	9	7,8
15	9	9,8
18	11	11,7
19	13	12,4
20	15	13,0
25	19	16,3
30	23	19,5

## SUPER-LAYERED

Thickness mm	Plies n°	Weight kg/m <sup>2</sup>
8	7	5,4
10	9	6,7
12	11	8,0
15	13	10,1
18	15	12,1
19	17	12,7
20	17	13,4
25	21	16,8
30	25	20,1

Dimensional tolerances comply with the requirements of standard EN 315.  
Customized thicknesses and configurations upon request.



Thermal conductivity  
UNI 7745

} 0,15 W/mK

