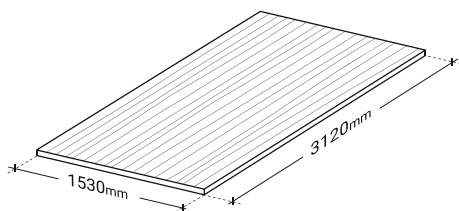


MARINE PLYWOOD

Mahogany RINA

High-quality and high-performance RINA (Italian Naval Register) approved Mahogany marine plywood, available in standard, lamellar and superlamellar plies.

Sizes	3120 x 1530 mm
Weights	630 kg/m ³ (standard) 650 kg/m ³ (multi-layered) 670 kg/m ³ (super-layered)
Glueing	Class 3 - E0, EN 314-1:2004 regulations Melamine adhesive E05 for standard panels Class 3 - E0, EN 314-1:2004 regulations Phenol - resorcinol adhesive E05 for multi-layered and super-layered panels NAF glueing upon request* RINA certificate nr DIP 475721 CS/001



*Formaldehyde-free adhesive ensuring emission levels significantly below standard requirements.

TECHNICAL SPECIFICATIONS OF RINA CERTIFIED MAHOGANY

STANDARD

Thickness	Plies	Weight	Bending Strength		Bending Modulus	
mm	n°	kg/m²	N/mm²		N/mm²	
			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	Plies	Weight
mm	n°	kg/m²
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	Plies	Weight
mm	n°	kg/m²
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



Thermal conductivity

UNI 7745

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0,15 W/mK

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