

MAHOGANY MARINE PLYWOOD

This plywood panel is RINA type certified, constructed exclusively with Mahogany wood.

The rotary cut Mahogany Marine Plywood is characterized by an excellent durability and a high mechanical resistance.

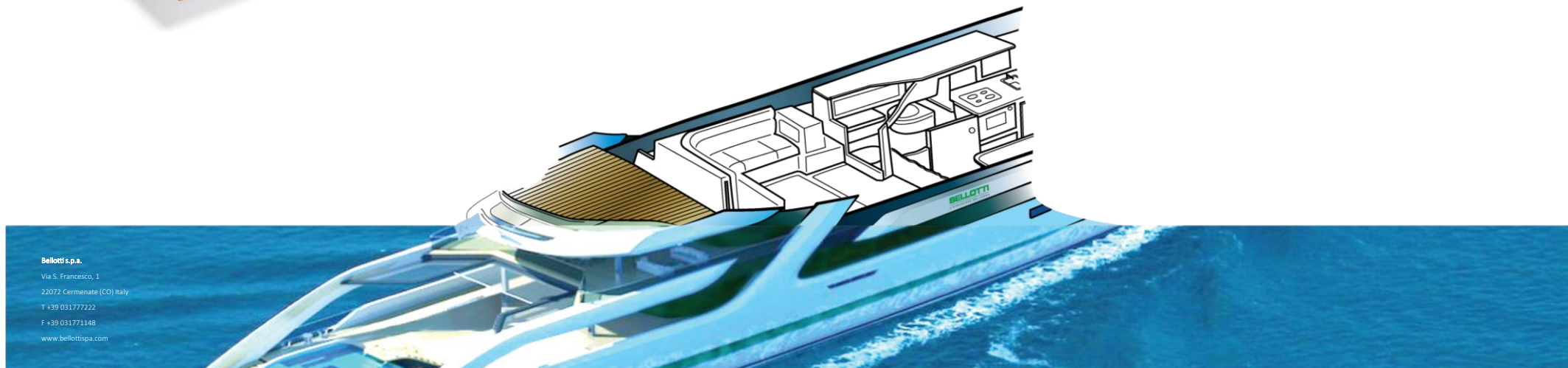
This product is specific for boatbuilding, considering also the extreme conditions of its applications (excellent durability in environments with a high level of humidity, also saline).

The phenol or melamine gluing is suitable for exterior applications (EN 314 Class 3).

In boatbuilding the Mahogany plywood is used for both structural applications and fittings. It can be realised also with a thin ply or ultra thin ply construction to be used where high mechanical performances are required.



Property	Standard	Unit of Measure	Value								
			Rotary cut			Thin ply			Ultra thin ply		
Spessore Nominale	∅	mm	4	15	25	6	15	21	5	11	17
Layers	∅	∅	3	7	11	5	11	15	5	11	17
Surface Weight	∅	kg/m ²	2,4	9	15	3,8	9,6	13,4	3,4	7,5	11,6
Bonding Quality	EN 314-2		Classe 3								
Bending Strength Long-Grain	EN 310	MPa	72	49	44	59	48	49	59	48	48
Bending Strength Cross-Grain	EN 310	MPa	31	34	36	26	33	32	26	33	32
E-Modulus Long-Grain	EN 310	MPa	10500	7200	6500	8700	7000	7100	8700	7000	7000
E-Modulus Cross-Grain	EN 310	MPa	2500	3800	4400	2200	4000	3800	2200	4000	4000
Thermal Transmittance	UNI EN ISO 6946	W/(m ² ·K)	0,15								
STANDARD SIZES (*)	∅	mm	2500x1530 3100x1530								



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