



POLYPHON- POLYMAR

Strength, comfort, and silence in a single panel.

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TEAK AND
YACHT PANELS



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Strength, comfort, and silence in a single panel.

By combining the characteristics of Polyphon and Polymar, Polyphon-Polymar is the perfect choice for those who want a structural panel that combines acoustic comfort and lightness while ensuring a quieter and more comfortable on-board environment.

WHY CHOOSE POLYPHON-POLYMAR?

- **Superior noise reduction and lightweight:** Effectively absorbs noise and significantly reduces the boat's weight thanks to the PVC core of 80 kg/m³, creating a more peaceful on-board environment and improving maneuverability.
- **Durable and resistant:** Resistant to humidity and atmospheric agents, Polyphon maintains its characteristics over time.
- **Easy to work with:** It can be easily cut, glued, and worked, simplifying installation operations.
- **Customizable:** Available in different thicknesses and in different cores, PVC or PET, from 80 kg/m³ to meet every need
- **Sustainable:** Made with low-formaldehyde adhesives and the possibility of FSC certification, it is the ideal choice for those who want a sustainable and high-quality product.

APPLICATIONS:

- Structural and partition walls: Provides a strong and soundproof barrier.
- Cabins: Creates a quiet and comfortable retreat.

Polyphon-Polymar offers the perfect blend of strength, acoustic insulation, and lightweight, making it the ideal choice for demanding marine applications.

PANEL THICKNESS IN PRODUCTION EN 315	32mm	44mm	52mm	55mm	60mm
Building	11+10+11	11+22+11	15+22+15	15+25+15	15+30+15

SPECIFICATIONS	RULE	u.m				
PANEL THICKNESS	EN 315	mm	44			
BUILDING			POLYPHON 11mm + PVC 22mm + POLYPHON 11mm			
GLUING			Polyurethane glue - MED Certified			
ESSENCE			Okoumé			
DENSITY	EN 315	KG/m ³	316			
STANDARD SIZE	EN 315	cm	248x120		308x151	
TENSILE STRENGTH			44mm.	44mm.PET80	44mm.PET115	60mm.
LONGITUDINAL	EN 310	MPa	17	14	19.7	14
TRANSVERSAL	EN 310	MPa	20	20	17	17
ELASTIC MODULUS						
LONGITUDINAL	EN 310	MPa	2034	1493	2820	2030
TRANSVERSAL	EN 310	MPa	2202	2202	2100	2100
THERMAL CONDUCTIBILITY	EN 6945	W/m ² K	1,3	1,3	1,0	1,0
NOISE INSULATION	ISO 717	dB	32	31	29	34

DIMENSIONAL TOLERANCES			
Thickness		mm	+0,2/-0,8
Length		mm	+/-2
Width		mm	+/-2
Squareness		mm/m	<1,0

Note: the thermal conductivity coefficient here indicated is calculated without considering its inductive thermal resistance data, which has to be calculated during planning according to the position where the panel will be used. The data indicated in this data sheet was obtained through laboratory tests carried out in a laboratory. These data can be varied without any notice. The Purchaser is responsible for the verification that every product bought from C.F. S.r.l. is installed according to their correct placement and field of use. Custom thickness, sizes and compositions can be supplied on request.



Il marchio della
gestione forestale
responsabile

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