



POLYPHON - G

High-density rubber for uncompromising
acoustic insulation.

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TEAK AND
YACHT PANELS



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The Polyphon G panel is the base product of the G range, specifically designed for acoustic insulation in the nautical sector. Thanks to the use of ultra-high-density rubber, this panel guarantees exceptional acoustic insulation performance, helping to create quieter and more comfortable on-board environments.

WHY CHOOSE POLYPHON G?

- **Extreme silence:** It minimises external and internal noise from 38 dB, creating a more relaxing and comfortable on-board environment thanks to the very high density sheathing (2500 kg/m³).
- **Versatility:** Can be used in various applications, both for creating flooring and for building dividing walls and compartments.
- **Durability:** Thanks to its composition, the panel offers good resistance to humidity and atmospheric agents, making it ideal for use in marine environments.
- **Customizable:** Available in various thicknesses to meet any need.
- **Sustainable:** Made with low-formaldehyde adhesives and the possibility of FSC certification, it is the ideal choice for those seeking a sustainable and high-quality product.

APPLICATIONS:

- Flooring
- Cabins
- Soundproof boxes
- Load-bearing and dividing compartments

The Polyphon G panel is the ideal solution for those who want to improve the acoustic insulation of their boat. Thanks to its high performance and versatility, this product is able to meet the most diverse needs, guaranteeing maximum comfort and well-being on board.

PANEL THICKNESS IN PRODUCTION EN 315	18mm	20mm	22mm					
Building	6+6+6	8+4+8	8+6+8					

SPECIFICATIONS	RULE	u.m						
PANEL THICKNESS	EN 315	mm					18	
BUILDING							6+6+6	
GLUING							Polyurethane glue - MED Certified	
ESSENCE							Okoumé	
DENSITY	EN 315	KG/m ³					1100	
STANDARD SIZE	EN 315	cm					248x120	308x151
TENSILE STRENGTH								
LONGITUDINAL	EN 310	MPa					26,34	
TRANSVERSAL	EN 310	MPa					22,08	
ELASTIC MODULUS								
LONGITUDINAL	EN 310	MPa					2318	
TRANSVERSAL	EN 310	MPa					1993	
THERMAL CONDUCTIBILITY	EN 6945	W/m ² K					3,6	
NOISE INSULATION	ISO 717	dB					38	

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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