



POLYPHON- POLYMAR G

Exceptional Acoustic Insulation
for Marine Applications.

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www.cfwood.it



TEAK AND
YACHT PANELS



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**Exceptional Acoustic Insulation
for Marine Applications.**

Polyphon-Polymer G is the latest evolution of the CF sound-insulating panel range, specifically designed to provide maximum sound insulation in boats through a unique combination of high-quality materials.

WHY CHOOSE POLYPHON-POLYMER G?

- **Superior acoustic insulation:** With a noise reduction index of 40 dB, Polyphon-Polymer G can significantly attenuate noise from engines, systems, and external environments, creating a quieter and more comfortable onboard environment.
- **Customizable:** Available in various thicknesses to meet any requirement.
- **Durable and long-lasting:** Resistant to humidity and atmospheric agents, Polyphon maintains its characteristics over time.
- **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

- Structural walls and compartments
- Engine rooms

Polyphon-Polymer G is the ideal choice for those seeking maximum acoustic comfort on board their vessel. Thanks to its exceptional performance and versatility, this product is able to meet even the most demanding requirements.

PANEL THICKNESS IN PRODUCTION EN 315	52mm						
Building	9+4+26+4+9						

SPECIFICATIONS	RULE	u.m					
PANEL THICKNESS	EN 315	mm	52				
BUILDING			Polyphon 9 + HD rubber 4 + Polymer 26 + HD rubber 4 + Polyphon 9				
GLUING			Polyurethane glue - MED Certified				
ESSENCE			Okoumé				
DENSITY	EN 315	KG/m ³	602				
STANDARD SIZE	EN 315	cm	248x120	308x151			
TENSILE STRENGTH							
LONGITUDINAL	EN 310	MPa		15,69			
TRANSVERSAL	EN 310	MPa		13,02			
ELASTIC MODULUS							
LONGITUDINAL	EN 310	MPa		2268			
TRANSVERSAL	EN 310	MPa		2286			
THERMAL CONDUCTIBILITY	EN 6945	W/m ² K		1,3			
NOISE INSULATION	ISO 717	dB		40			

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 on 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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