

Technical data-sheet

LARIMAR® "P80"

Description

A lightweight composite panel with both skins in Okoumé marine plywood (RINA approved) and Polypropylene honeycomb core which is covered on both faces with non-woven material.

LARIMAR® "P80" panel is particularly suitable for projects which require low weights and high durability over long periods.

The honeycomb structure of the polypropylene core (specific weight 80 Kg/m³) guarantees excellent mechanical characteristics and good stability. The Okoumé plywood used for the skins is the best solution for the marine sector and guarantees unchanged performances over long period; this plywood makes the panel suitable for further aesthetic finishes (veneering, varnishing, etc.).

It is normally used for fitting, non structural partition and furniture in the marine industry.

The used gluings are classified to low issue of formaldehyde (Class E1 in according to UNI EN 1084).



Characteristic	Norm	UNIT	Value			
Panel thickness	EN315	mm	14	16	18	21
Construction		mm	3 - 8 - 3	4 - 8 - 4	4 - 10 - 4	3 - 15 - 3
Sides thickness /layers	EN315	mm /n°	3 /3	4 /3	4 /3	3 /3
Gluing	EN 314		Class 3 (referred to the skins)			
Wood species			rotary cut Okoumé venner			
Surface weight	EN 323	kg/m ²	3,8	4,8	5,0	4,3
Standard sizes	EN 315	cm	242 x 118			
Bending strenght						
Long grain	EN 310	MPa	24,6	27,1	25,0	27,5
Cross grain			24,0	27,9	29,6	16,8
E-modulus						
Long grain	EN 310	MPa	2310	2240	2230	3020
Cross grain			1750	1940	2810	1650
Thermal trasmission coefficient	EN 6946	W/m ² ·K	3,19	3,04	2,50	2,12

Size tollerances in according to EN 315

On demand it is possible to evaluate panels production with tight range of tolerance in thickness.

Notes:

The information contained in this technical data sheet is given as a pure indication and can be modified without prior notice. The purchases is responsible for verifying the product's adequacy to the end uses and for making sure that the use's place and criteria comply with the Manufacturer's prescriptions and with the laws in force.