

## Technical data-sheet

## LARIPHON®

### Description

LARIPHON® is a composite panel with skins in Okoumé marine plywood (RINA approved) and a core made by special rubber cork, which is suited to high acoustic insulation performances.

This composite panel is particularly suitable for projects in which is required high durability on a long time combined with very high mechanical and acoustic performances.

The core structure (950 Kg/m<sup>3</sup>) guarantees high performance of acoustic insulation, while the Okoumé marine plywood guarantees unchanged performances over long period; this plywood makes the panel suitable for further aesthetic finishes (veneering, varnishing, etc.).

The used gluing are classified to low issue of formaldehyde (Class E1 in according to UNI EN 1084) or completely exempt.



Characteristic	Norm	UNIT	Value		
Panel thickness	EN315	mm	<b>11</b>	<b>15</b>	<b>19</b>
Construction		mm	4 - <b>3</b> - 4	6 - <b>3</b> - 6	8 - <b>3</b> - 8
Sides thickness / layers	EN315	mm /n°	4 / <sub>3</sub>	6 / <sub>5</sub>	8 / <sub>5</sub>
Gluing	EN 314		Class 3 ( referred to the skins )		
Wood species			rotary cut Okoumé veneer		
Surface weight	EN 323	kg/m <sup>2</sup>	7,2	9,3	11,3
Standard sizes	EN 315	cm	248x120 - 308x151		
<b>Bending strenght</b>					
Long grain	EN 310	MPa	40,1	35,6	33,9
Cross grain			38	29,2	25,7
<b>E-modulus</b>					
Long grain	EN 310	MPa	2930	2600	2100
Cross grain			2340	1820	1420
Thermal trasmission coefficient		W/m <sup>2</sup> ·K	9,33	7,35	6,08
Sound insulation Rw	ISO 717	dB	27,3	29,6	31,4

### 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.