

## Technical data sheet

**Lariphon®**

### Description

A composite panel with skins in Okoumé marine plywood (RINA approved) or Exterior Okoumé plywood with a core of special rubber cork, which is suited to high performance acoustic isolation.

### Performances and applications

LARIPHON® panel is particularly suitable for projects which require high durability over long period combined with superior mechanical and acoustic performance.

The structure of the core (950 Kg/m<sup>3</sup>) guarantees high performance of acoustic isolation. The transmission loss value  $R_w = 29,6$  dB with a panel thickness of 15 mm, and a weight of 9,1 Kg/m<sup>2</sup>. The Okoumé marine plywood used for the skins guarantees unchanged performances over long period; this plywood makes the panel suitable for further aesthetic finishes (veneuering, varnishing, etc.).

The used gluing are classified to low issue of formaldehyde E1 or completely exempt.

Characteristic	Norm	Unit of measure	Value		
Panel thickness	EN315	mm	<b>11</b>	<b>15</b>	<b>19</b>
Construction		mm	4-3-4	6-3-6	8-3-8
Sides thickness / layers	EN315	mm / n°	4/3	6/5	8/5
Gluing	EN 314		Class 3 (referred to the skins)		
Wood species			rotary cut Okoumé veneer		
Surface weight	EN 323	kg/m <sup>2</sup>	7,0	9,1	11,2
Standard sizes	EN 315	cm	248x120 - 250x160 - 310x160		
<b>Bending resistance</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 $R_w$	ISO 717	dB	27,3	29,6	31,4
<b>Size tolerance</b>					
Thickness	EN 315	mm	+0,2 / - 0,8 (s=panel thickness)		
Length / Width	EN 315	mm	+2 / -2		
Edges orthogonality	EN 315	mm/m	< 1,0		

#### Notes:

The information contained in this technical data sheet is given as a pure indication and can be modified without prior notice. The purchaser 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.