

Technical data sheet

Lariphon "ECO LIGHT "

Description

Composite panel with Birch external faces and special rubber-cork core with high acoustic isolation performances
LARIPHON® "ECO LIGHT" panel is particularly suitable in projects which need light weight without loose mechanical performance.
LARIPHON® "ECO LIGHT" panel, may be coated with diffents resins able to achieve the most important standards on fire and smoke index.



Characteristics	Norm	Unit	Value
Panel thickness		mm	16,5
Construction			6,5 - 4 - 6,5
Skins	<u>thickness</u>	mm	<u>6,5</u>
	<u>layers</u>		5
Bonding quality	<u>skins</u>	EN 314	class 3
	<u>core</u>	F.S. 307972.02	approved
Surface weight	EN 323	kg/m ²	10,3
Standard size		mm	1230 x 2480 1500 x 2480 1500 x 3000
Bending resistance			
Long grain	EN 310	MPa	<u>56</u>
Cross grain			46
E-modulus			
Long grain	EN 310	MPa	<u>4800</u>
Cross grain			4100
Sound isolation loss	UNI 717	dB	32
Screw extraction	EN 320	N/mm	155,0
Thermal conductivity	UNI 7745	W/m ² K	10,7
Fire reaction	EN 45545-3		HL2
Thickness	EN 315	mm	<u>-(0,4+0,03t) ; +(0,2+0,03t)</u> (t=panel thickness)
Lenght / Width	EN 315	mm	<u>± 3,5</u>
Edges orthogonality	EN 315	mm/m	<u>< 1</u>

Note :

ATTENTION: in case of cuts and millings the carved parts have to be protected with appropriate varnish in order to keep unchanged the waterproof characteristics on the panel edge

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.