

Technical data sheet

Lariphon "ECO" EN (RL/RZ +B)

Description

Composite panel with Birch external faces and special rubber-cork core with high acoustic isolation performances.

LARIPHON® "ECO" EN panel is particularly suitable in projects which need durability and high mechanical performances beyond acoustic isolation achieved thanks to the Rubber-Cork core.

The smooth and knurled antislid resin finish, adapted for glueing other finishes, increases the performances of hardness, impermeability and durability of the skins. The non hygroscopic varnish, used to protect edges, guarantees impermeability of the panel.

LARIPHON® is in compliance, as fire reaction to EN 45545 (HL3).



Characteristics	Norm	Unit	Value	
Panel thickness		mm	18	20
Construction			7,5 - 3 - 7,5	8 - 4 - 8
Skins	thickness	mm	8 (nom.)	
	layers		7	
Bonding quality	skins	EN 314	class 3	
	core	F.S. 307972.02	approved	
Surface weight	EN 323	kg/m ²	13,7	15,0
Standard size		mm	1230 x 2480	1500 x 2480 1500 x 3000
Bending resistance				
Long grain	EN 310	MPa	> 60	
Cross grain			> 45	
E-modulus				
Long grain	EN 310	MPa	> 4300	
Cross grain			> 3500	
Thermal conductivity	UNI 7745	W/m ² K	7,8	
Fire reaction	EN 45545-2 (R10)		HL3	
Fire reaction	NF F 16-101		F1	
Acoustic Insulation	UNI EN 10140	dB	33	34
Thickness	EN 315	mm	-(0,4+0,03t) ; +(0,2+0,03t) (t=panel thickness)	
Length / Width	EN 315	mm	± 3,5	
Edges orthogonality	EN 315	mm/m		

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 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.