

Technical data-sheet

LARIPAN® BIO

Descrizione

Laripan® BIO is wood/cork composite panel used for roofing constructions. Both sides are made by conifer plywood, the inner side is available in different finishes. The used gluings are classified to low issue of formaldehyde (Class E1 in according to UNI EN 1084) or completely exempt.

The thermo insulating core is made by expanded cork without any adhesive additive. LARIPAN® BIO panel, laid with a single, quick action, realizes simultaneously the three main functions of a roofing: thermal insulation, load-bearing structure and aesthetic aspect of the outer layer.

When the panel is supplied, the outer layer has been previously treated with a preserver and waterproof finishing, while the inner layer is rough, to allow the desired finish.



Characteristics	Norm	UNIT	Value			
			60	80	100	120
Panel thickness	EN315	mm	60	80	100	120
Construction		mm	10- 40 -10	10- 60 -10	10- 80 -10	10- 100 -10
Standard sizes	EN315	cm	248 x 124	248 x 124	248 x 124	248 x 124
Surface weight	EN 323	kg/m ²	15,8	18,2	20,6	23
Thermal trasmission coefficient	EN 6946	W/m ² ·K	0,745	0,543	0,427	0,358
Max loads						
	Span	cm	62	62	62	62
	Load	kg/m ²	609	875	1150	1390
Max loads						
	Span	cm	82,6	82,6	82,6	82,6
	Load	kg/m ²	420	623	819	995
Skins	Maritime Pine Exterior plywood CE 380 - CDP - 011 - EN 636-3-S-E1 PEFC/10-34-71					
Core	Corkpan density 120 - Marking CE EN-13170 ANAB IBO IBN Certified					

Size tollerances in according to EN 315

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

Notes:

For the laying scheme and the application advice see under Laripan® in the catalogue "LARIPAN e LARIVENT".

The max loads indicated are for panels realized with Marine Pine plywood.

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.