

Technical data-sheet

CARPLY "RA" (RL/RZ+B)

Description

Plywood panel with phenolic bonding made exclusively with Birch wood, surfaces are covered by a special phenolic resin (RZ= Wiremesh resin / RL= Smooth resin) and protected edges. CARPLY RA panel offers superior and lasting mechanical performances, the phenolic bonding is suitable for external applications.

The special resin of the surfaces grants to the panel fire resistant characteristics, increases hardness and durability performances; the wiremesh side is suitable for gluing of finish material. CARPLY RA is in compliance, as fire reaction to EN 45545 (HL3) .



Charateristics	Norm	Unit	Value			
Panel thickness	EN 315	mm	12	15	18	22
Layers		n°	9	11	13	16
Bonding	EN 314		Class 3			
Wood species			Rotary cut veneer Birch 100% (FSC Certified)			
Surface weight	EN 323	Kg/m ²	8,8	11,1	13,3	15,0
Standard size		mm	1230 x 2480	1500 x 2480	1500 x 3000	
Bending strenght						
Long grain	EN 310	MPa	76	76,8	76,9	78
Cross grain			74	75	75,8	76
E-modulus						
Long grain	EN 310	MPa	8100	8150	8100	9351
Cross grain			6400	6700	6752	7368
Thermal conductivity	UNI 7745	W/m·K	0,17			
Fire reaction	EN 45545-2 (R10) UNI CEI 11170		Class 1 Class 1A			
Smokes Index	NF F 16-101		F1			

Size tollerances in according to EN 315

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

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