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Member of CISQ Federation RINA ISO 9001:2000 Certified Quality System

BELLOTTI
L'EVOLUZIONE DEL LEGNO

Technical data sheet

Birch exterior plywood®

Description

Plywood panel to phenolic glue exclusively constructed with steamed Birch wood.

Performances and applications

The Birch Exterior plywood(R), thanks to its particular composition, is characterised by high mechanical properties and a favourable weight/performances ratio.
The phenol gluing is suitable for exterior applications (EN 314 Class 3).
They are panels marks CE, employed in building, suitable for structural fittings.

Characteristic	Norm	Unit of measur	Value								
Panel thickness	EN315	mm	**9**	**12**	**15**	**18**	**21**	**24**	**27**	**30**	**40**
Layers		n°	7	9	11	13	15	17	19	21	25
Gluing	EN 314		Classe 3								
Wood species			100% rotary cut Birch veneer								
Surface weight	EN 323	kg/m²	6,3	8,4	10,5	12,6	14,7	16,8	18,9	21,0	24,5
Standard sizes	EN 315	cm	125 x 215 - 125 x 250 - 152,2 x 250								
Bending resistance											
Long grain	EN 310	MPa	70	60	65	60	65	55	55	55	55
Cross grain			65	50	60	55	60	45	45	45	45
E-modulus											
Long grain	EN 310	MPa	8500	7000	7000	7400	7500	8000	8300	8500	8500
Cross grain			6300	6500	7000	6300	7000	7000	7400	7300	7400
Thermal conductivity	EN 12664	W/m K	0,14								
Size tolerance											
Thickness	EN 315	mm	+0,2+0,03s ; - 0,4+0,03s								
Length / Width	EN 315	mm	< 1000=±1 ; 1000÷2000=±2 ; >2000=±3								
Edges orthogonality	EN 315	%	± 0,1								

Notes :

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.

Rev. November 2007