

Forest-Multiply® A - Birch



Technical board made of rotary-cut veneers of European birch and pine, mainly sourced from New Zealand. The birch core is overlaid on both faces with pine veneers.

This material provides biomechanical values very similar to a 100% birch panel, while its outer faces—classified as “softwood”—require fewer Health & Safety (OHS) measures in sanding/calibration processes (which are the most hazardous in terms of OHS due to the particle size generated during these operations).

Bonding

Class II (pine faces) / Class III (birch core) (EN 314-2)

Color

Pine / Pine

Main uses

- Moulds
- Designer furniture
- Flooring



Thickness (mm)

From 6 to 125

Sizes (mm)

From 2500*1250 to 3050*1525

Characteristics (referring solely to the birch plywood board in its standard configuration)

	Unit	Values	Standards
Density	Kg/m ³	625 ± 50	UNE-EN 323
Modulus of elasticity [#]	Longitudinal	> 7.400 MPa	UNE-EN 310
	Transversal	> 6.050 MPa	UNE-EN 310
Bending strenght [#]	Longitudinal	> 71 MPa	UNE-EN 310
	Transversal	> 52 MPa	UNE-EN 310
Formaldehyde emissions		E1 CARB Phase 1 ^{\$} CARB Phase 2 ^{\$} CARB ULEF ^{\$}	EN 717-2 93120
Bonding strenght	MPa	0,2 ≤ f _v ≤ 0,4 ≥ 80 0,4 ≤ f _v ≤ 0,6 ≥ 60 0,6 ≤ f _v ≤ 1,0 ≥ 40	UNE-EN ISO 314-1:2007
Water absorbption at 20°C	%	2,31	UNE-EN ISO 62
Tensile delamination resistance	N	2330	ASTm C 297
Reaction to fire		D-S2,d0	UNE 13501-1
		B-S1,d0 ^{\$} / B _{FI} – S _i ^{\$}	UNE EN 45545-2:2013
		HL3 para R10 ^{\$}	UNE EN 23727
		M1 ^{\$}	NF F 16101
Screw withdrawl resistance	daN	198	UNE-EN 13446
Acoustic insulation	dBA	25,1 ± 1,0	UNE-EN ISO 140-3
Determination of heat of combustion	Mj/Kg	17,96	UNE-EN ISO 1716

* Los datos indicados están basados en ensayos realizados en laboratorios independientes.

* Estos datos están basados en unos espesores de núcleo y chapas específicos, por lo que deben interpretarse con objeto meramente informativo.

\$ Solo bajo requerimiento especial

Datos específicos para variante ignífuga y en 18 mm de espesor