

Forest-Multiply HPL® Birch



Technical board composed of a phenolic plywood core 100% birch covered on one or both sides with HPL (High Pressure Laminated) or CPL

Gluing

Class III (EN 314-2)

Variations

Fireproof

HPL thickness from 0,5 until 2 mm

Any colour, design and finish

Main uses

Walls and ceilings in civil construction

Furniture

Doors

Special floors



Thickness (mm)

From 6 until 125

Dimensions (mm)

From 2440 *1220 until 7000*3000

Characteristics (only related to the birch plywood board in the standard configuration)

	Unit	Values	Standards
Density	Kg/m ³	650 ± 50	UNE-EN 323
Elasticity unit	Longitudinal	>9.500 MPa	UNE-EN 310
	Transverse	>8.200 MPa	UNE-EN 310
Resistance to elasticity	Longitudinal	>90 MPa	UNE-EN 310
	Transverse	>78 MPa	UNE-EN 310
Formaldehyde emissions		E1	EN 717-2
		CARB Phase 1 [§]	
		CARB Phase 2 [§]	93120
		CARB ULEF [§]	
Resistance to unstuck	MPa	96,5	UNE-EN ISO 178
Absorption of water at 20°	%	2,31	UNE-EN ISO 62
Resistance to unstuck by traction	N	2330	ASTm C 297
Reaction to fire		HL2 para R1 y R7 [§]	UNE-EN 45545-2:2013
Resistance to uprooting screws	daN	198	UNE-EN 13446
Acoustic isolation	dBA	27,1 ± 1,0	UNE-EN ISO 140-3
Determination of combustion heat	Mj/Kg	18,24	UNE-EN ISO 1716

* Indicated data are based on tests realised in independent laboratories

* These data are based on core and sheets' specific thickness, therefore it may be interpreted as guidance

§ Only under special requirements