

Forest-Hexa® Birch



Technical board composed of a phenolic plywood 100% birch covered in one or both sides with phenolic film. One of the sides presents an anti-slip pattern with hexagonal finish.

Gluing

Class III (EN 314-2)

Variations

Fireproof

Reverse: raw/plain film/Hexa

Colours: black/dark brown/grey

Main uses

Scaffolding system floors

Trailer truck floors

Stages

Trailers

Security walkways



Thickness (mm)

From 6 until 125

Dimensions (mm)

From 2440 *1220 until 3850*2050

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
Resistance to abrasion	Cycles	>3.600	DIN 53799
Rolling test	Cycles	>7.900	Load of 300kg/wheel
Anti-slip coefficient	CLASS III		
Resistance to unstuck	MPa	96,5	UNE-EN ISO 178
Absorption to water at 20°	%	2,31	UNE-EN ISO 62
Resistance to unstuck by traction	N	2330	ASTm C 297
Reaction to fire		D-S2,d0	UNE 13501-1
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.