

Forest-Multiply Gum Sandwich® Birch

FSC
www.fsc.org

Technical board, composed of a rubber core (SBR, EPDM, neoprene under physical – mechanical requirements) covered on both sides with phenolic plywood 100% birch.

Thickness, density and configuration of the sheets are analyzed in order to get the required thermic insulation.

Gluing

Class III (EN 314-2)

Finish

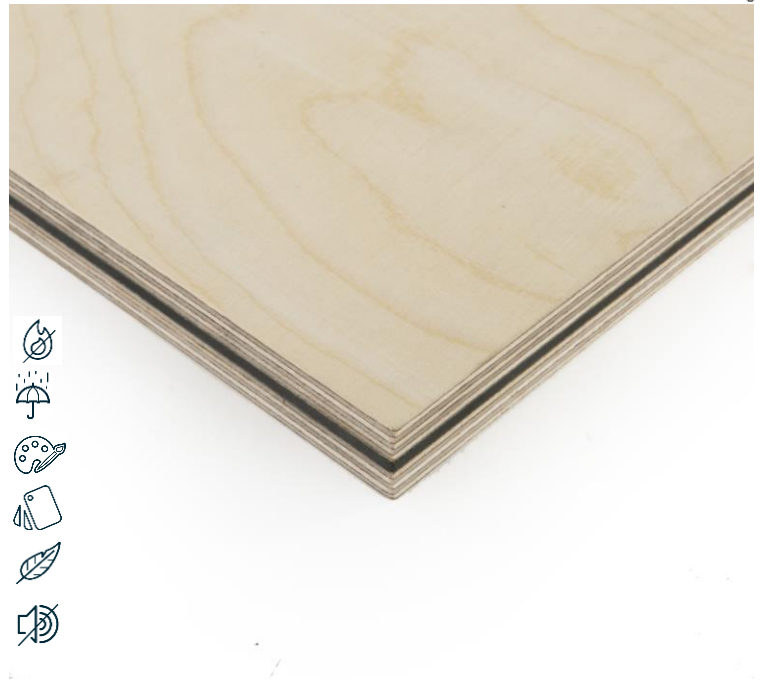
Natural
Phenolic film
Any laminated material (metal, HPL, PVC, PP, wood sheet, etc)

Variations

Fireproof
Cores with any technical gum according to customers requirements

Main uses

Bus floors
Train floors



Thickness (mm)	Dimensions (mm)
From 15 until 125	From 2440 *1220 until 4000*2000

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 [§]	93120
		CARB Phase 2 [§]	
		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		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.