

Forest-Multiply® Okume



Plywood board entirely composed by unrolled sheets of African okume. Sheets are glued with phenol – formaldehyde glue (WBP) NON – soluble in water, therefore, boards can bear cycles of 72 h into boiling water without being unstucked.

Gluing

Class III (EN 314-2)

Variations

Fireproof

Main uses

Wagons

Ceilings



Thickness (mm)

From 6 until 125

Dimensions (mm)

From 2440 *1220 until 3100*1500

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

	Unit	Values	Standards
Density	Kg/m ³	450 ± 50	UNE-EN 323
Elasticity unit	Longitudinal	>5.600 MPa	UNE-EN 310
	Transverse	>3.100 MPa	UNE-EN 310
Resistance to elasticity	Longitudinal	>41 MPa	UNE-EN 310
	Transverse	>32 MPa	UNE-EN 310
Resistance to unstuck	MPa	68,2	UNE-EN ISO 178
Absorption of water at 20°	%	5,69	UNE-EN ISO 62
Resistance to unstuck by traction	N	1906	ASTm C 297
Resistance to uprooting screws	daN	109	UNE-EN 13446
Acoustic isolation	dBA	21,1 ± 1,0	UNE-EN ISO 140-3
Determination of combustion heat	Mj/Kg	16,05	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.