

Technical Data Sheet

Igniply

Description

Plywood with a fire retardant mass, exterior gluing, made exclusively with Okoumé wood.

Performances and applications

The particular construction of IGNIPLY plywood is characterized by optimal mechanical performances of Okoumé plywood and the advantageous relation weight/performances. The gluing is suitable for application in external environments (EN 314 Class 3). IGNIPLY plywoods have CE mark for permanent structural use in building, with class B,s1-d0 as fire reaction in according to EN 13501. The special fire retardant mass grants an absolute not electrolytic reiteration with any metal, the perfect compatibility with every gluing, painting or varnish, the excellent unchanging of system during years and the specific resistance at fungi and insects. It is usually used for set up and indoor public locations (hotels, theaters, meeting rooms etc.) for structural or semi-structural applications, even in external environments.



Characteristics	Norm	Unit	Value					
Panel thickness	EN315	mm	5	9	12	15	18	22
Layers		n°	5	7	9	11	13	15
Bonding quality	EN 314		Class 3					
Wood species			Okoumè dr. 100%					
Surface weight	EN 323	kg/m ²	2,6	4,7	6,2	7,8	9,4	11,4
Standard sizes	EN 315	mm	2500 x 1220 - 3100 x 1530					
Bending Strenght								
Long grain	EN 310	MPa	23,5 (average value from CEs mark)					
Cross grain			23,5					
E-Modulus								
Long grain	EN 310	MPa	4600 (average value from Ces mark)					
Cross grain			4600					
Thermal conductivity	UNI 7745	W/m·K	0,13					
Fire / Smoke reaction	EN 13501-1		B-s1,d0 only if used without air blade on non combustibile support B-s1,d0					
Size tollerance	EN 315	Comply to the European Norm						

On demand it is possible to evaluate panels production with tight range of tolerance in thickness.

Note :

The information contained in this technical data sheet is given as a pure indication and can be modified without prior notice. The purchases is responsible for verifying the product's adequacy to the end uses and for making sure that the use's place and criteria comply with the Manufacturer's prescriptions and with the laws in force.