

Technical data sheet

Profile lamellar for frames in "Ivory Mahogany"

Description

Profile in lamellar wood with 3 layers, realised with 100% wood "Ivory Mahogany" (Gilbertiodendron Preussii); the two external layers are whole strips and without imperfections, as for the center can be jointed with finger joint system.

Technological characteristics

Specific weight	:	700 kg/m ³ mean	(dry)
		900÷1000 kg/m ³	(green)
Hardness	:	5,5 (medium hardness)	method Chalais-Meudon
Total volumetric shrinkage	:	15%	
Total tangential shrinkage	:	10%	
Total radial shrinkage	:	5%	
Compression resistance	:	72 MPa (mean)	
Bending resistance	:	150 MPa	
Impact resistance	:	Mean	
Elasticity modulus bending	:	12.000 MPa	
Stability	:	Wood stable after correct drying	
Durability	:	It's very good regarding invasion of the wood insect and blight, however for external frame use, It is advisable a treatment with preservatives.	
Gluing	:	conformity class D4 (EN 204)	
Malleability	:	"Ivory Mahogany" even being a strong and elastic wood, can be worked well and easy using adapted machines, also milling, planning and sanding. The wood glues well with all types adhesive current.	
Preservation	:	It is a wood not easily treated having a limited hygroscopicity but this does not result important having a good natural durability.	

Notes

The information contained in this technical data sheet is given as a pure indication and can be modified without prior notice.
The purchaser 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.