

Technical Data Sheet

**WOOD.
REFINED.
REDEFINED.**

PRODUCT NAME Thermally Modified Timber

SPECIE Iroko

DESCRIPTION 190°C Thermally Modified Manufactured according to the European Technical Standards DIN EN/TS 15679 and meet the requirements of CEN/TS 15083-1, EN 350 and EN 335

FEATURES		
CHARACTERISTIC	Sourcing of Raw Material	Cameroon
	Specie	Milicia Excelsa
	Profiles	All Profiles
	Surface	Treatment and maintenance to be done with Oil, Planer impacts with a depth to 0,2mm allowed, saw cuts not allowed
	Quality	3 sides clean of defects and 1 side usable
	Knots	Individual Knots A≤ 1/5 allowed, narrow side knots E≤ 1/3 allowed, dead knots are not allowed
	Cracks/Splits	End Splits till 50 mm allowed, hair cracks allowed, surface checks during delivery not allowed
	Heart	Not Allowed
	Resin Galls	Not Allowed
	Insect Holes	Not Allowed
	Colourization	Own color variances allowed
	Rotting	Not Allowed
	Bending	H ≤ 2mm per Runing Meter

PARAMETERS		UNIT	VALUE
TECHNICAL PROPERTIES	Moisture Content During Transportation	%	4 - 7
	Tolerance in Length	mm	± 3
	Tolerance in Width	mm	± 1
	Tolerance in Thickness	mm	± 1
	Density	KG / m3	610
	Brinell Hardness	N / mm2	30
	EMC 20/65	%	5.5
	Modulus of Elasticity (MOE)	N / mm2	12300
	Durability Class (EN 350) (CEN/TS 15083-1)		DC-1 Very Durable
	Use Class		4
	Thermal Conductivity	W/mK	0.13
	Emission of Formaldehyde		E1
	Bending Strength	N / mm2	91