

# Technical Data Sheet

**WOOD.  
REFINED.  
REDEFINED.**

**PRODUCT NAME** Thermally Modified Timber

**SPECIE** Iroko

**DIMENSIONS** Thicknesses: 20 mm - 25 mm - Widths: 90 mm – 120 mm

**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 $A \leq 1/5$ allowed, narrow side knots $E \leq 1/3$ 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: $H \leq 2\text{mm}$ per Runing Meter

PARAMETERS	UNIT	VALUE
Moisture Content During Transportation	%	4 - 7
Tolerance in Length	mm	$\pm 3$
Tolerance in Width	mm	$\pm 1$
Tolerance in Thickness	mm	$\pm 1$
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