

# Technical Data Sheet

<b>PRODUCT NAME</b>	Thermally Modified Timber
<b>SPECIE</b>	Ayous
<b>DIMENSIONS</b>	Thicknesses: 20 mm - Widths: 90 mm – 135 mm
<b>DESCRIPTION</b>	190°C Thermally Modified Manufactured according to the European Technical Standards CEN/TS 15679 and meet the requirements of CEN/TS 15083-1, EN 350 and EN 335

FEATURES	
<b>CHARACTERISTIC</b>	Sourcing of Raw Material: Cameroon
	Specie: Triplochiton Scleroxylon
	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: Back Face Allowed
	Colourization: Own color variances allowed
	Rotting: Not Allowed
	Bending: $H \leq 2\text{mm}$ per Runing Meter

PARAMETERS		UNIT	VALUE
<b>TECHNICAL PROPERTIES</b>	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	400 - 420
	Brinell Hardness	N / mm2	7.98
	EMC 20/65	%	5.8
	Modulus of Elasticity (MOE)	N / mm2	7414
	Durability Class (EN 350) ( CEN/TS 15083-1 )		DC -2 Durable
	Use Class		3
	Thermal Conductivity	W/mK	0.09
	Emission of Formaldehyde		E1
Bending Strength	N / mm2	27.6	