

Technical Data Sheet

PRODUCT NAME Thermally Modified Timber

SPECIE Ash

DESCRIPTION 210°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

CHARACTERISTIC		FEATURES
CHARACTERISTIC	Sourcing of Raw Material	North America
	Specie	Frayinus Americana
	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

TECHNICAL PROPERTIES	PARAMETERS	UNIT	VALUE
	Moisture Content During Transportation	%	4 - 7
	Tolerance in Length	mm	± 3
	Tolerance in Width	mm	± 1
	Tolerance in Thickness	mm	± 1
	Density	KG / m3	597 - 620
	Brinell Hardness	N / mm2	31
	EMC 20/65	%	6.7
	Modulus of Elasticity (MOE)	N / mm2	13500
	Durability Class (EN 350) (CEN/TS 15083-1)		DC -1 Very Durable
	Use Class		4
	Thermal Conductivity	W/mK	0.16
	Emission of Formaldehyde		E1
Bending Strength	N / mm2	90.6	