

Technical Data Sheet

**WOOD.
REFINED.
REDEFINED.**

PRODUCT NAME Thermally Modified Timber

SPECIE Pine

DIMENSIONS Thicknesses: 19 mm – 42 mm - Widths: 40 mm – 140 mm

DESCRIPTION 212°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
Durability Class - 2

FEATURES		
CHARACTERISTIC	Sourcing of Raw Material	Finland
	Specie	Pinus Sylvestris
	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	Defined as Royal Grade, Sound knotted and 1 side usable
	Knots	Sound knots allowed, narrow side knots allowed, dead knots are not allowed
	Cracks/Splits	End Splits till 50 mm allowed, hair cracks allowed, surface checks during delivery not allowed
	Heart	Allowed
	Resin Galls	Not Allowed
	Insect Holes	Not Allowed
	Colourization	Own color variances allowed
	Rotting	Not Allowed
	Bending	$H \leq 2\text{mm per Running Meter}$

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	± 0.5
	Density	KG / m3	400 - 420
	Brinell Hardness	N / mm2	15
	EMC 20/30	%	2.8
	EMC 20/65	%	4.3
	EMC 20/85	%	6.5
	Modulus of Elasticity (MOE)	N / mm2	9262
	Durability Class (EN 350) (CEN/TS 15083-1)		DC -2 Durable
	Use Class		3
	Thermal Conductivity	W/mK	0.12
	Emission of Formaldehyde		E1
Bending Strength	N / mm2	38.10	