



LUNAWOOD TECHNICAL DATASHEET

Essential Characteristics	Pine (<i>Pinus sylvestris</i>)	Spruce (<i>Picea abies</i>)	Harmonized European standard
Density	420 kg/m ³	420 kg/m ³	SFS-EN 317
Reaction to fire class	D - s2, d0	D - s2, d0	SFS-EN 13502-1 + A1
Screw traction resistance	19,45 ± 1,47 N/mm ²	-	SFS-EN 13446
Thermal conductivity	0,09 W/(m K)	0,09 W/(m K)	EN ISO 13787 + EN 12667
Durability class	Class 2 Thermo-D	Class 2 Thermo-D	EN 350-1
Use class	Class 3 Thermo-D	Class 3 Thermo-D	EN 335
Stability, shrinking and swelling	Tangential fibre direction 4% Radial fibre direction 2%	Tangential fibre direction 4% Radial fibre direction 2%	SFS-EN 317
Equilibrium Moisture Content	6,4%	7,3%	EN 13183-1
Brinell Hardness	1,4 N/mm ²	1,52 N/mm ²	SFS-EN 1534
Janka	1700 N	1700 N	ASTM D143-94
TVOC	Thermo-D: 0,045 mg/m ² h	Thermo-D: 0,071 mg/m ² h	KET 3300495