

# Luna SHP 2x3

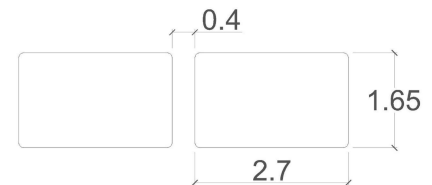


## BATTENS

Luna SHP 2x3 is a premium Thermowood batten for facades, solar shading, interior design and other decorative surfaces.

### PRODUCT DETAILS

Product name	Luna SHP 2x2
Actual dimensions	1.65 x 2.7 in. (42x68 mm)
Class	LunaThermo-D
Surface	Planed
Species	Pine, <i>Pinus sylvestris</i>
Lengths	9 ft 10.1 in. / 11 ft 9.7 in. – 13 ft 9.4 in. (3,0 / 3,6-4,2 m) (availability varies) Length package in 11.8 in. (30 cm) modules
Utility data	Coverage width 3.3 in, 3.63 ft/sq-ft, with 1.65 in. gap (84 mm, 11,9 mm/m <sup>2</sup> , 42mm gap) Weight average ~ 0.83 lbs/ft, ~ 3.01 lbs/sq-ft (~1,2 kg/m ~12,4 kg/m <sup>2</sup> )
Packaging	Package size 168 pcs (half package) Package covered by Lunawood plastic hood on 5 sides
Article	42x68 SHP Thermo-D Rw A
Product specifications	Tolerances, quality and installation based on. Lunawood general rules and instructions.  Nominal size: 2 x 3 (50x75)



### LUNAWOOD TECHNICAL DATASHEET

Essential Characteristics	Pine ( <i>Pinus sylvestris</i> )	Harmonized European standard
Density	420 kg / m <sup>3</sup> 26.22 lbs/ft <sup>3</sup>	SFS-EN 317
Reaction to fire class	Class B, FSI 75, SDI 200	ASTM E84
Screw traction resistance	19,45 ± 1,47 N/mm <sup>2</sup> 2821.8 ± 213 psi	SFS-EN 13446
Thermal conductivity	0,09 W/(m·K)	EN ISO 13787 + EN 12667
Durability class	Class 2 Thermo-D	EN 350-1
Use class	Class 3 Thermo-D	EN 335
Stability, shrinking and swelling	Tangential fibre direction 4 % Radial fibre direction 2 %	SFS-EN 317
Equilibrium Moisture	6,4 %	EN 13183-1
Brinell Hardness	1,4 N/mm <sup>2</sup> 203.05 psi*	SFS-EN 1534
Janka	1700 N 382 lbf*	ASTM D143-94
TVOC	173.34*	
CO2 emissions (EPD)	Thermo-D 0,077 mg/m <sup>2</sup> h 117 kg CO <sub>2</sub> eq/m <sup>3</sup> 7.30 lbs CO <sub>2</sub> /ft <sup>3</sup>	ISO 16000-9:2006 SFS-EN 16516:2017 Lunawood EPD

Use QR code by phone or click it to open to Your browser



Product documents



Design tools

Version: 1/2024