

# Luna Layer 1x6 Brushed

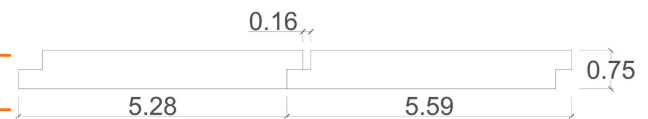


## CLADDING & PANELING

Luna Layer 1x6 is a brushed ThermoWood® panel with an impressive feel and natural appearance of Nordic spruce.

### PRODUCT DETAILS

|                        |  |
|------------------------|--|
| Product name           | Luna Layer 1x6   |
| Actual dimensions      | 0.75 x 5.59 in. (19x142 mm)  |
| Class                  | LunaThermo-D   |
| Surface                | Brushed  |
| Species                | Nordic spruce, <i>Picea abies</i>  |
| Lenghts                | 11 ft 9.7 in – 16 ft 8.8 in (3,6m - 5,1m)<br>(availability varies)<br>Length package in 11.8 in (30) cm modules  |
| Utility data           | Coverage width 5.3 in, 2.27 ft/sq-ft<br>(134 mm, 7,5 rm/m <sup>2</sup> )<br>Weight average ~0.7 lbs/ft, ~1.60 lbs/sq-ft<br>(~1,0 kg/m ~7,8 kg/m <sup>2</sup> ) |
| Packaging              | Package size 168 pcs (half package)<br>Package covered by Lunawood plastic hood on 5 sides   |
| Article                | 19x142 Layer Brushed Thermo-D Ww SAP A   |
| Product specifications | Tolerances, quality and installation based on. Lunawood general rules and instructions.<br><br>Nominal size: 1 x 6 in. (25x150)                                |



### LUNAWOOD TECHNICAL DATASHEET

| Essential Characteristics         | Spruce ( <i>Picea abies</i> )                                | Harmonized European standard          |
|-----------------------------------|--|---------------------------------------|
| Density                           | 420 kg / m <sup>3</sup><br>26.22 lbs/ft <sup>3</sup> *       | SFS-EN 317                            |
| Reaction to fire class            | Class B, FSI 55, SDI 190                                     | ASTM E84                              |
| Screw traction resistance         | -  | 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 %<br>Radial fibre direction 2 % | SFS-EN 317                            |
| Equilibrium Moisture              | 7,3 %  | EN 13183-1                            |
| Brinell Hardness                  | 1,52 N/mm <sup>2</sup><br>220.46 psi*<br>1700 N              | SFS-EN 1534                           |
| Janka                             | 382 lbf*<br>173.34kgf*                                       | ASTM D143-94                          |
| TVOC                              | Thermo-D: 0,022 mg/m <sup>2</sup> h                          | ISO 16000-9:2006<br>SFS-EN 16516:2017 |
| CO2 emissions (EPD)               | 117 kg CO2 eq/m <sup>3</sup>                                 | Lunawood EPD                          |

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Product documents



Design tools

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