

Thermally Modified Timber Profiles



Thermory's thermally modified timbers offer a range of natural or pre-finished, ready to install, cladding and lining solutions. Featuring spruce and pine ranges that are responsibly sourced from sustainably grown forests. These timbers are thermally modified using heat and steam, to produce a durable, high performing product range that carries a Class 2 durability rating to perform for decades in Australian conditions.

Thermory modifies the timber for increased durability and dimensional stability in a range of natural and prefinished, ready to install exterior cladding and interior lining solutions.

Pine Screening Intense: Natural D4 & C4



Thermory® Pine screening products are thermally modified timbers. Thermory's modification process uses heat and steam to enhance the properties of timber by strengthening the wood's molecular structure to create a resilient timber screening range. These screens are ideal for use in the Australian climate, delivering on both aesthetics and long-term performance. Available in pine for a light timber tone that features distinctive knots, this range is ideal for outdoor screening, feature walls and timber architectural elements.

Left to Right: Natural, Anthracite and Black. Inset Image: Brushed (One Face).

Texture

Smooth
Brushed (One Face)

Grade

Class 2 Durability
Thermally Modified Timber

Colour

Golden-brown tones

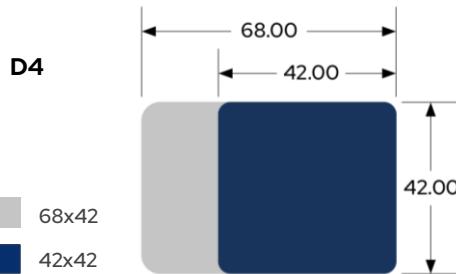
Species

Scots Pine

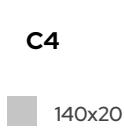
Size (mm)

68 x 42
42 x 42

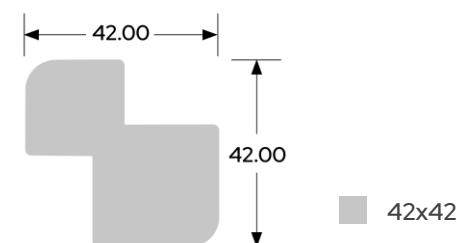
D4 & C4 Screening Profiles:



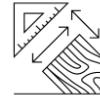
C4



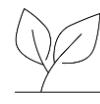
Corner Thermo - Spruce CP3



Durability
Improved Durability and
rot resistance



Stability
Enhanced dimensional stability
in changing weather conditions



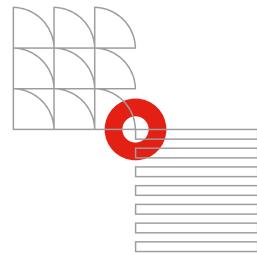
Chemical-Free
Thermal modification
process is entirely natural

Before fixing Thermory claddings, all wall openings, vertical and horizontal joins, sills, heads and corners must be weatherproofed with flashing to comply with National Construction Codes.

Call 1300 399 922
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 **City Timber**

 **Stagwood**
stagwood.com.au



DECLARATION OF PERFORMANCE

The undersigned, representing
Thermory AS (Lõõtsa 1a, Tallinn, Harju County, Estonia)
and the manufacturing plant in Loo, Harju County, Estonia
hereby declares that the

THERMALLY MODIFIED SOLID WOOD PINE CLADDING AND PANELING WITHOUT SURFACE COATING

is in conformity with the provisions of the EC Regulation No 305/2011
Construction Product Regulation system of assessment and verification of
constancy of performance: System 3 and is in accordance with the requirements of
EN 14915:2013

„Solid wood panelling and cladding – Characteristics,
evaluation of conformity and marking“
Initial type testing report No.01_THERMORY_EN14915

CHARACTERISTIC	PERFORMANCE DECLARATION
Species	Scots pine (<i>Pinus sylvestris</i>)
Intended use	For exterior and interior use
Density and range of thickness	435 kg/m ³ , 18–42 mm
Reaction to fire	D-s2, d0 (tested according to standard EN14915:2013)
Emission of formaldehyde	E1
Content of pentachlorophenol	NPD
Release of other dangerous substances	NPD
Water vapor permeability	NPD
Thermal resistance	0,12 W/(m K)
Sound absorption	NPD
Biological durability (according to CEN/TS 15083-1:2005)	Class 2, when thermally modified (215 °C, Intense)

Liivi Viin
CQO
Tallinn 08.04.2022

