Thermally Modified Timber Profiles

THERMORY®
LEAVE A LASTING IMPACT

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 1 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.

Spruce Cladding Intense: Ignite 5 Natural C24

The Ignite range by Thermory® features a striking, modern charred timber appearance that replicates the centuries old Japanese shou sugi ban process. Used by ancient woodworkers to prolong the life of timber by charring the exposed surface, this finish has a textured, contemporary, architectural feel. Ignite delivers the look of shou sugi ban using advanced thermal technology that delivers unrivalled dimensional stability and durability for exterior cladding and interior lining installations.

Texture
Ignite

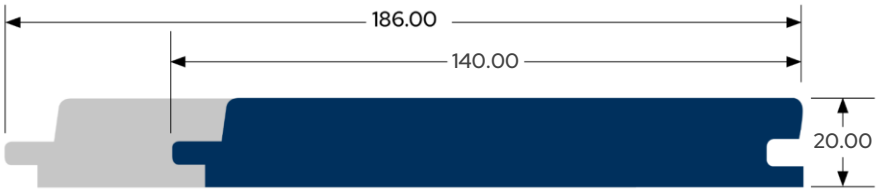
Grade
Class 1 Durability
Thermally Modified Timber

Colour
Smokey black

Species
Spruce

Size (mm)
186 x 20
140 x 20

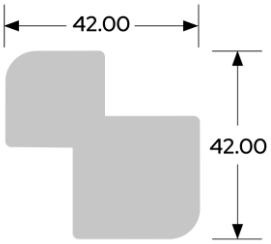
C24 Profile:



C24: 186 x 20 / cover: 180mm

C24: 140 x 20 / cover: 131mm

Corner Thermo - Spruce CP3



One universal profile for indoor and outdoor usage. Boards with straight-cut ends can be installed without exposing the endgrain.

42x42

THERMALLY MODIFIED WOOD 25+ YEARS AGAINST WOOD DECAY CLASS 1

PEFC PEFC/21-31-178

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

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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 SPRUCE 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	Nordic spruce (*Picea abies*)
Intended use	For exterior and interior use
Density and range of thickness	400 kg/m^3, 18–42 mm
Reaction to fire	D-s1, 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 1, when thermally modified (215 °C, Intense)

CE

Liivi Viin
CQO
Tallinn 08.04.2022