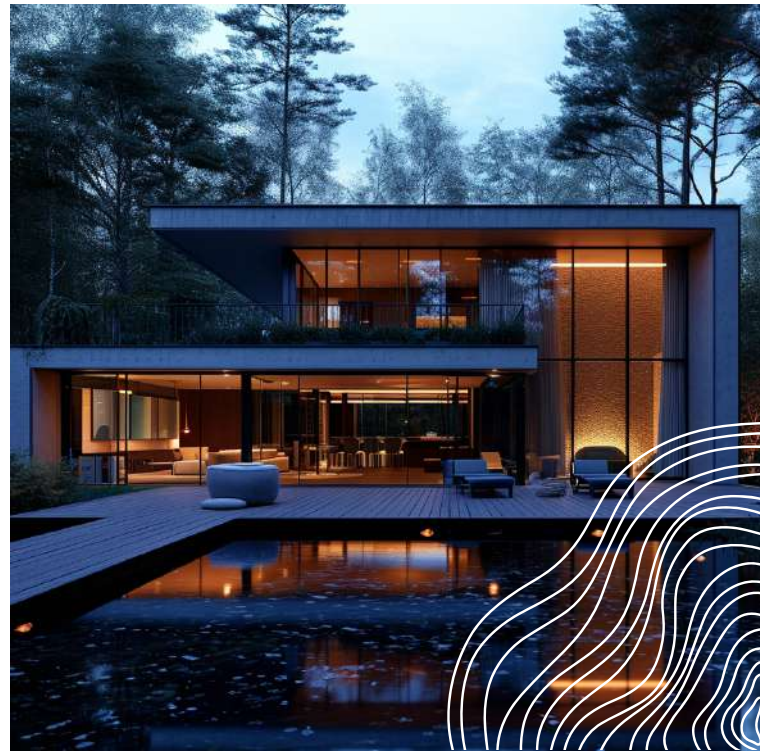
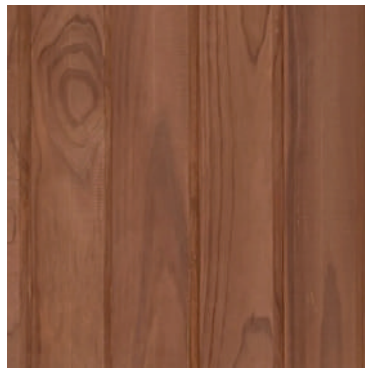
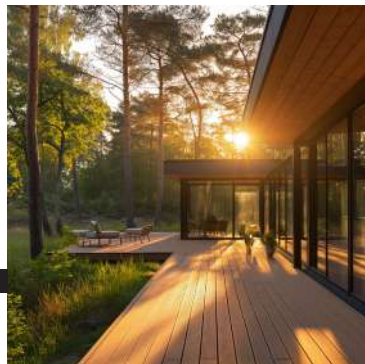


# TROPICAL



## Radiata Pine Decking and Cladding

THERMOTECH RADIATA PINE DECKING AND CLADDING  
SELL SHEET



CALL US

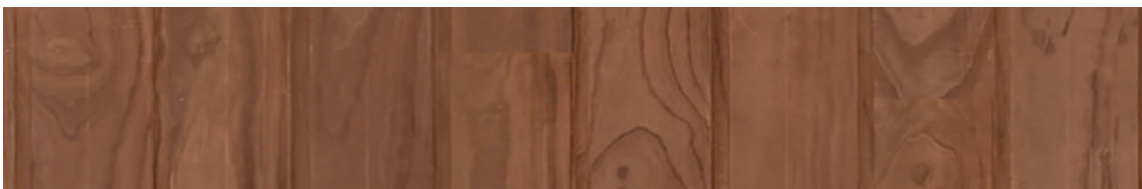
905.672.8000 (CDN)

855.344.4500 (US)

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# Radiata

**Thermotech Radiata Pine** redefines outdoor wood solutions by perfectly blending sustainability with high performance.



## Thermal Modification Technology

Thermal modification is a technology that uses heat to remove sugars from the wood, while at the same time closing the wood cells, thereby reducing or eliminating the sources on which mold grows.

This process not only extends the service life of the wood, but also creates a dimensional stability that greatly reduces installation time and labor costs.

THERMOTECH Radiata Pine was developed to be an "Or Equal" substitute for Clear mixed and vertical grain Western Red Cedar and should be used as such. The beautiful Radiata grain and natural luster provide an exotic quality to any cladding application both interior and exterior.

## Durability with a low cost to the environment

## Easy to Install

Radiata Pine is designed with the installer in mind. Its uniform dimensions and stability simplify the installation process, making it a favorite among DIY enthusiasts and professional contractors alike. The ease of cutting, fastening, and finishing allows for a seamless and efficient building experience.

Eliminating fastener penetration, the hidden Pro Clad Clip System further extends the service life of wood claddings. Like naturally durable hardwoods, stainless steel fasteners are recommended for Thermotech modified wood products in delivering a service life consistent with naturally durable hardwoods.

Thermotech's modification process creates a wood product with many of the benefits associated with naturally durable hardwoods. This is done without the use of chemicals that contain heavy metals such as copper and chromium.

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# Sustainability Meets Excellence

Radiata Pine redefines outdoor wood solutions by perfectly blending sustainability with high performance. Derived from responsibly managed radiata pine forests, our thermally modified wood is an eco-conscious choice that supports your green living ideals.

## Durability That Lasts

Experience the strength of nature with Radiata Pine enhanced durability. Our specialized thermal modification process deeply transforms the wood, increasing its resistance to decay, moisture, and pests. Radiata Pine stands the test of time, ensuring your decks and sidings remain pristine year after year.

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## Unparalleled Aesthetic Appeal

The natural beauty of Radiata Pine brings warmth and elegance to any exterior. Its rich, consistent color and refined grain patterns add a touch of sophistication, making every installation a showcase of exquisite craftsmanship.

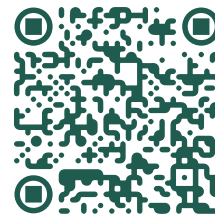
## Low Maintenance, High Reward

Radiata Pine requires minimal maintenance

Say goodbye to constant upkeep. Radiata Pine requires minimal maintenance, freeing you to enjoy your outdoor spaces without the burden of frequent treatments. Its natural resistance to the elements means more time relaxing and less time worrying about maintenance.



We highly recommend reviewing our  
“**Tropical Forest Products Best Practices**”  
guide as part of your product selection process.



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# Your Eco-Friendly Choice for a Greener Tomorrow

Choosing Radiata Pine is  
a step towards a more  
sustainable future.

By selecting this thermally modified  
Radiata Pine, you contribute to reduced  
carbon footprints and support  
sustainable forestry practices.

**LEGAL  
LUMBER**™



The mark of  
responsible forestry.  
ASK US ABOUT OUR FSC®  
CERTIFIED PRODUCTS.

## APPLICATIONS

Residential and  
Commercial **Decking**

Exterior **Sidings**

Outdoor Furniture  
and Structures

Landscape Architecture

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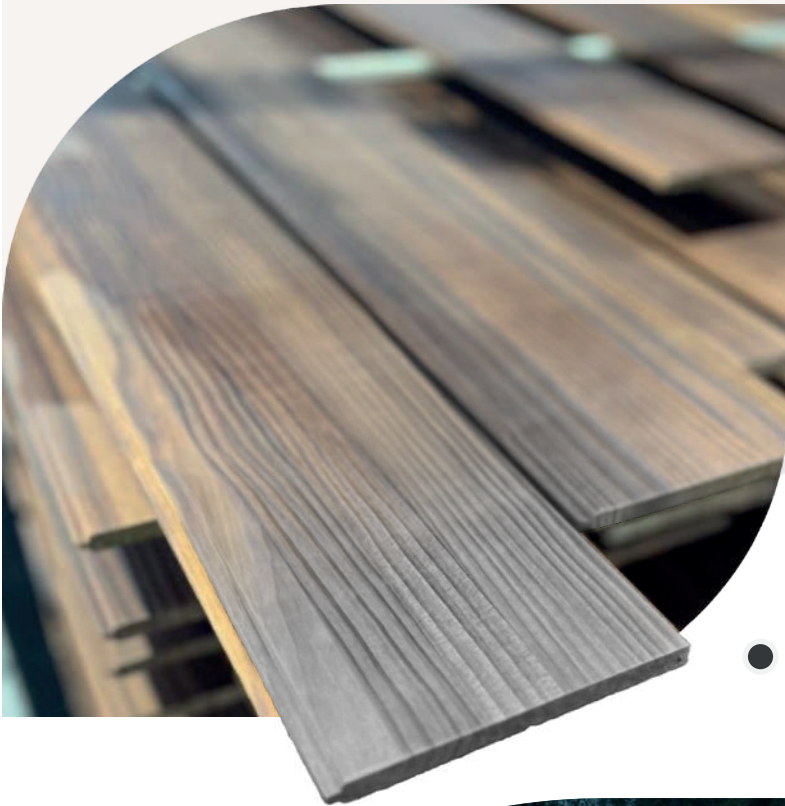
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The mark of  
responsible forestry



# Technical Specifications



- **Application:**  
Decking and Cladding
- **Texture:**  
Smooth, brused
- **Species:**  
Thermally modified  
Radiata Pine
- **Installation types:**  
Visible, hidden
- **Modification level:**  
Intense
- **Installation methods:**  
TFP Pro Screws,  
Plug and Clips  
Systems
- **Use:**  
Exterior, interior
- **Durability class:**  
2 (15+ years' protection against)
- **Finish:**  
Unoleed

## Join the Radiata Revolution

Embrace the future of outdoor wood solutions with Radiata. Where sustainability meets durability, Radiata is your premier choice for decking and siding.

### Contact us today

to start your journey towards a more sustainable and beautiful tomorrow.

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**THERMOTECH Radiata Pine**

has enhanced dimensional stability:

Increased Stability | Minimized Deformations | Minimized Expansion and Shrinkage

**Dimensional Stability**  
**65%Rh 20°C****THERMOTECH Radiata Pine**

Change in length swelling (in/mm)	0.014" in / 0.38 mm
Change in length shrinkage (in/mm)	0.0098" in / 0.25 mm
Change in thickness swelling (in/mm)	0.010" in / 0.26 mm
Change in thickness shrinkage (in/mm)	0.0078" in / 0.20 mm

THERMOTECH Radiata Pine has low moisture content that prevents decay and fungi growth.

**Biological Durability Against Wood-Decaying Basidiomycetes****THERMOTECH Radiata Pine**

Increased durability to decay	Yes
Resins and sugars removed	Yes
Preliminary durability classification Median mass loss (< 5 %) CEN/TS 15083-1	Class 2

**Physical Properties,  
Moisture Content****THERMOTECH Radiata Pine**

Equilibrium moisture content at 20/65 (%) EN 13183-1	4.6 (4-7)
Raw density at 20/65 (kg/m <sup>3</sup> ) DIN 52182	430

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## THERMOTECH Radiata Pine

Takes finishes well

### Nail and Screw

### THERMOTECH Radiata Pine

a. Stainless Steel Screws and Nails or Nylon Clad Clips are recommended.  
Hidden and face fixing systems EN 1383, NEN 6562

907 N

### Glueing

### THERMOTECH Radiata Pine

Fingerjoints  
Laminations  
Panel production

MUF, Polyurethane

### Brinell Hardness

### THERMOTECH Radiata Pine

HB10/100

0.95

### Thermal Conductivity, Insulation

### THERMOTECH Radiata Pine

Heat conductivity  
TS EN 12667

0.099

### THERMOTECH WEIGHT

### Color

### Profile

### Length

### Weight

### Cladding / Louvers

### Color

### Nominal

### Linear Feet

### lbs/LF

### RADIATA

Cladding V-Joint / Square

Light / Dark

1 x 6

4' - 14'

0.6

Ayous S4S

Light / Dark

1 x 6

4' - 14'

0.7

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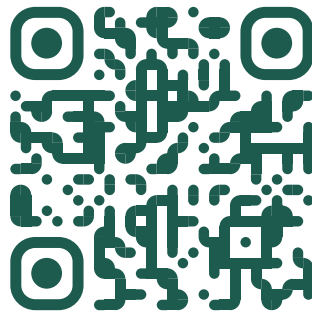
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# Stronger...Stable...Sustainable



We invite you to take a closure look at Tropical Forest Products  
Advanced Wood Technologies, as well as our wide range of  
other product offerings at **TropicalForestProducts.com**  
by scanning the QR code above.

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