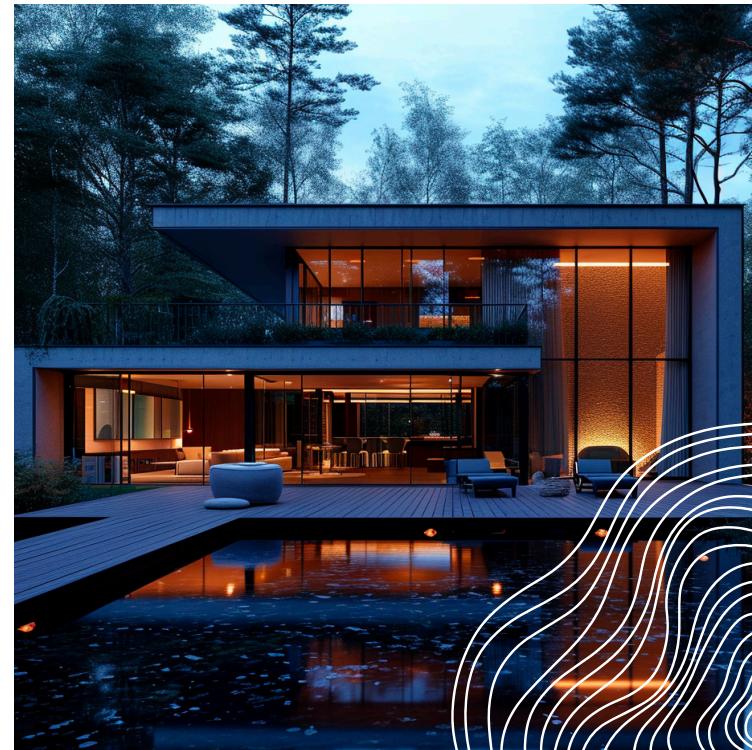
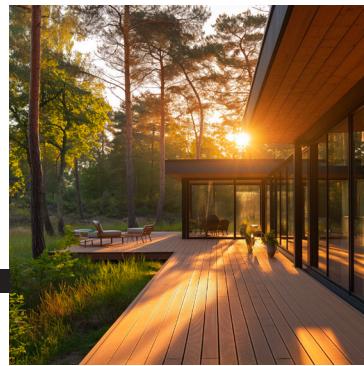


TROPICAL



Radiata Pine Decking and Cladding

THERMOTECHE RADIATA PINE DECKING AND CLADDING
SELL SHEET



CALL US

905.672.8000 (CDN)

855.344.4500 (US)

TropicalForestProducts.com



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's 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.

THERMOTEC 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.

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.

Durability with a low cost to the environment

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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The mark of responsible forestry

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

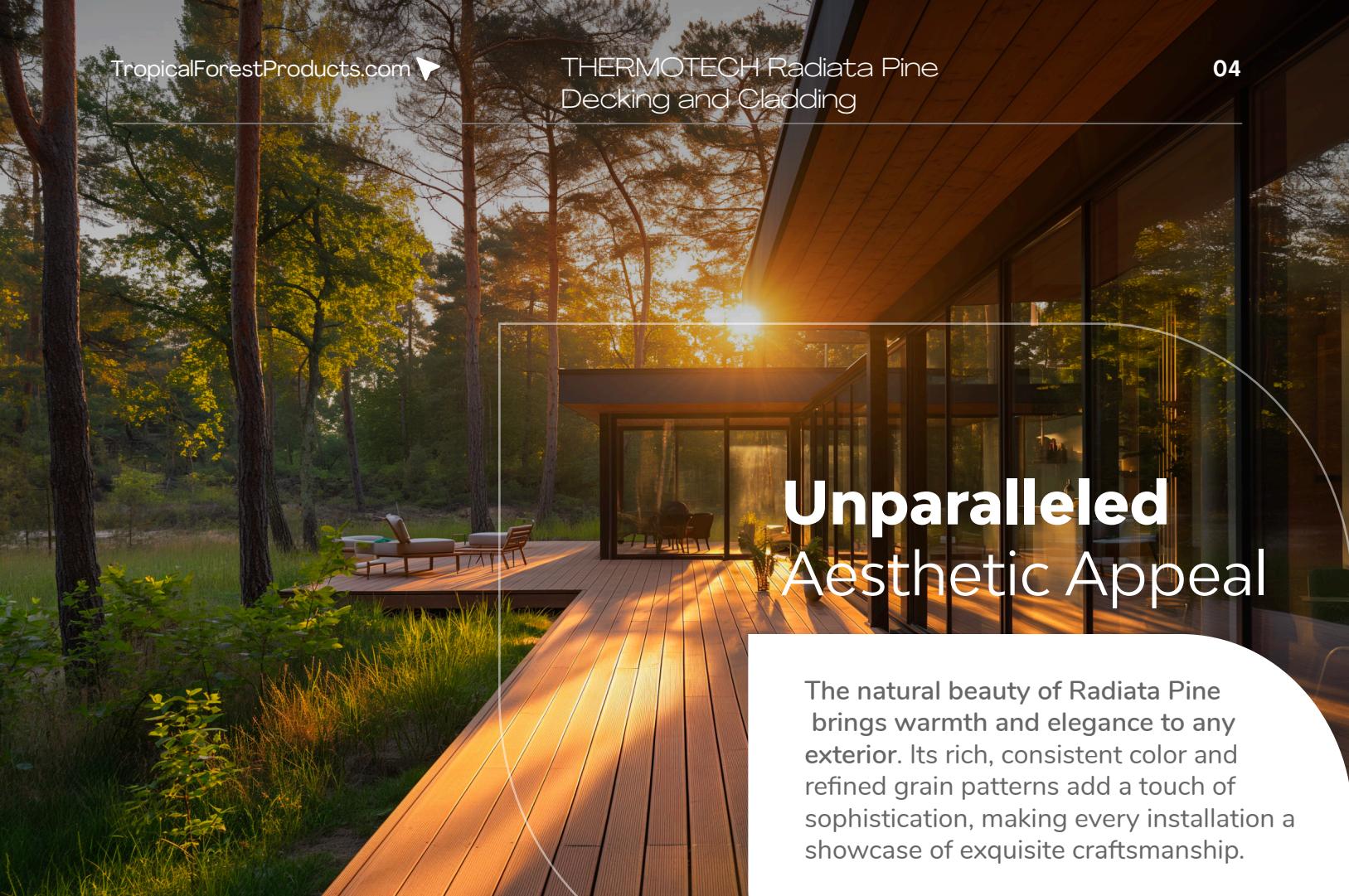
Experience the strength of nature with Radiata Pine enhanced durability. Our specialized thermal modification process deeply transforms the wood, increasing its resistance to decay, moisture, and pests. Radiata Pine stands the test of time, ensuring your decks and sidings remain pristine year after year.

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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.

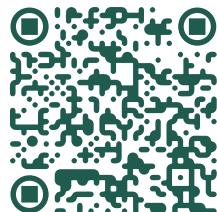
Low Maintenance, High Reward

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**™



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ASK US ABOUT OUR FSC®
CERTIFIED PRODUCTS.

APPLICATIONS

Residential and
Commercial **Decking**



Exterior **Sidings**

Outdoor Furniture
and Structures



Landscape Architecture

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THERMOTEC™
ADVANCED WOOD TECHNOLOGIES

**LEGAL
LUMBER**™



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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 agains)
- **Finish:** Unoiled

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/m³)
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.

907 N

Hidden and face fixing systems EN 1383, NEN 6562

Glueing**THERMOTECH Radiata Pine**

Fingerjoints

MUF, Polyurethane

Laminations

Panel production

Brinell Hardness**THERMOTECH Radiata Pine**

HB10/100

0.95

Thermal Conductivity, Insulation**THERMOTECH Radiata Pine**

Heat conductivity

0.099

TS EN 12667

THERMOTECH WEIGHT		Color	Profile	Length	Weight
RADIATA	Cladding / Louvers	Color	Nominal	Linear Feet	lbs/LF
	Cladding V-Joint / Square	Light / Dark	1 x 6	4' - 14'	0.6
	Radiata Pine S4S	Light / Dark	1 x 6	4' - 14'	0.7

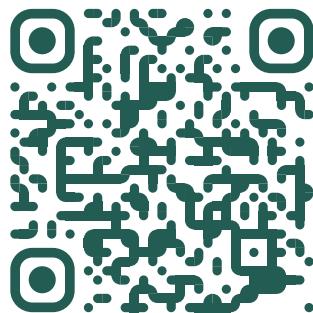
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Stronger...Stable...Sustainable



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/Thermotech by scanning the QR code above.

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