DECKING PRODUCTS

THERMAL
PRO





THERMAL
PRO

THE NEW STANDARD IN THERMALLY MODIFIED

Engineered using an advanced Hydrolysis 2.0 low-temperature high-pressure thermal modification technology, our decking delivers the natural beauty of real wood with exceptional durability, superior dimensional stability, and long-lasting performance.

This innovative process **minimizes brittleness** and internal stress, producing stronger, more consistent deck boards that resist rot, decay, moisture, and insects—without the use of chemicals.

IMPROVED PERFORMANCE

- Class 1 Durability
- Enhanced Rot Resistance
- Superior Dimensional Stability
- More Natural Aesthetic
- Improved Fastener Holding
- Uniform Treatment Throughout

ENGINEERED FOR THE OUTDOORS

Movement Resistant

Weather Resistant

Cooler on Feet

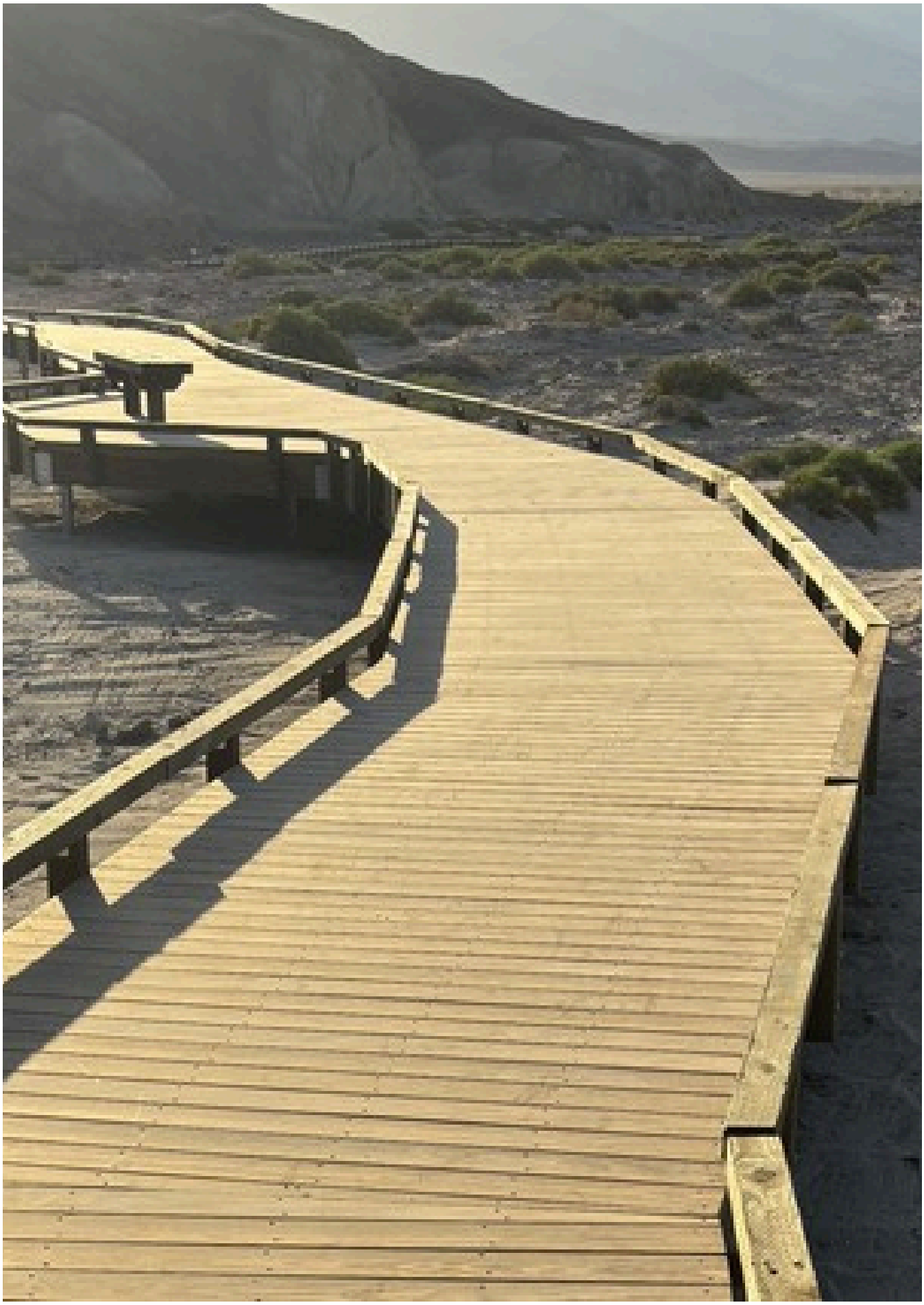
Non-Toxic

Longer Lifespan

Sustainable & Renewable

PRODUCT DIRECTORY

Softwood Decking p3-4
Hardwood Decking p5-6
Porch & Ceiling p7-8
Boards & Timbers p9-10



3 SOFTWOOD DECKING

SOUTHERN YELLOW PINE SOFTWOOD DECKING

THERMAL PRO

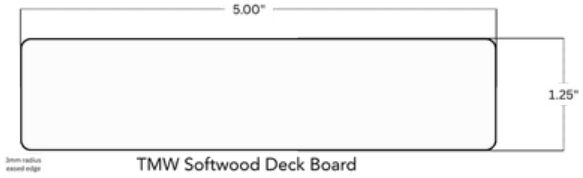
ThermalPro Wood Southern Yellow Pine 5/4x6 Decking combines the natural strength of SYP with **enhanced durability** and stability through our low-temperature, high-pressure thermal modification process. **Chemical-free** and made in the USA, it resists rot, decay, insects, and moisture while significantly reducing movement.

A durable, sustainable alternative to tropical hardwoods and pressure-treated lumber.

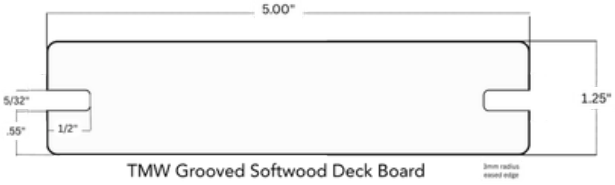
Grade: Always Grade C (clear)
Finish: Eased 4 Edges Smooth
Profiles: Standard, Hidden Fastener Grooved
Sizing: True 1.25" thick x 5.25" wide
Finish Options: Sansin DEC in a wide variety of colors
Spec | BIM files: marketing@spartanforest.com



New Decking



TMW Softwood Deck Board



TMW Grooved Softwood Deck Board



After 7 years of Montana Winters

ACCESSORIES



ITEM	NOMINAL	ACTUAL
Drinkrail	1"x7"	3/4"x6.5"
Handrail	1"x4"	3/4"x3.5"
Baluster	2"x2"	1.5"x1.5"



5 HARDWOOD DECKING

HARDWOOD DECKING

THERMAL PRO

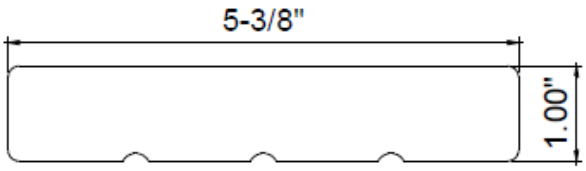
Elevate outdoor spaces with the natural beauty and exceptional performance of ThermalPro Wood 1x6 Hardwood Decking. Crafted from North American Ash and Poplar providing the durability and stability needed for a wide range of outdoor applications, including decks, rooftop terraces, boardwalks, pedestrian bridges, and other pedestrian infrastructure.

Chemical-free and naturally resistant to rot, decay, moisture, and insects while minimizing expansion and contraction.

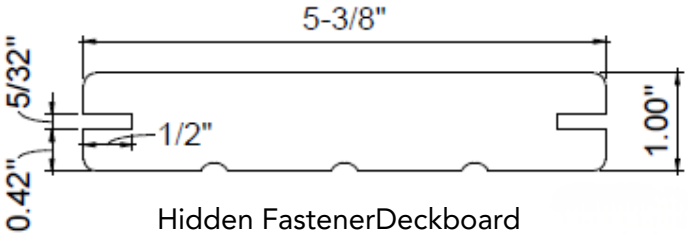
Ideal for high-end residential and commercial projects, ThermalPro Wood Ash and Poplar decking delivers the perfect balance of beauty, performance, and lasting value.

Species: Ash, Poplar
Grade: FAS (clear)
Finish: Eased 4 Edges Smooth
Profiles: Standard, Hidden Fastener Grooved
Sizing: True 1.00" thick x 5-⅜“ wide
Spec | BIM files:
marketing@spartanforest.com





Standard Deckboard

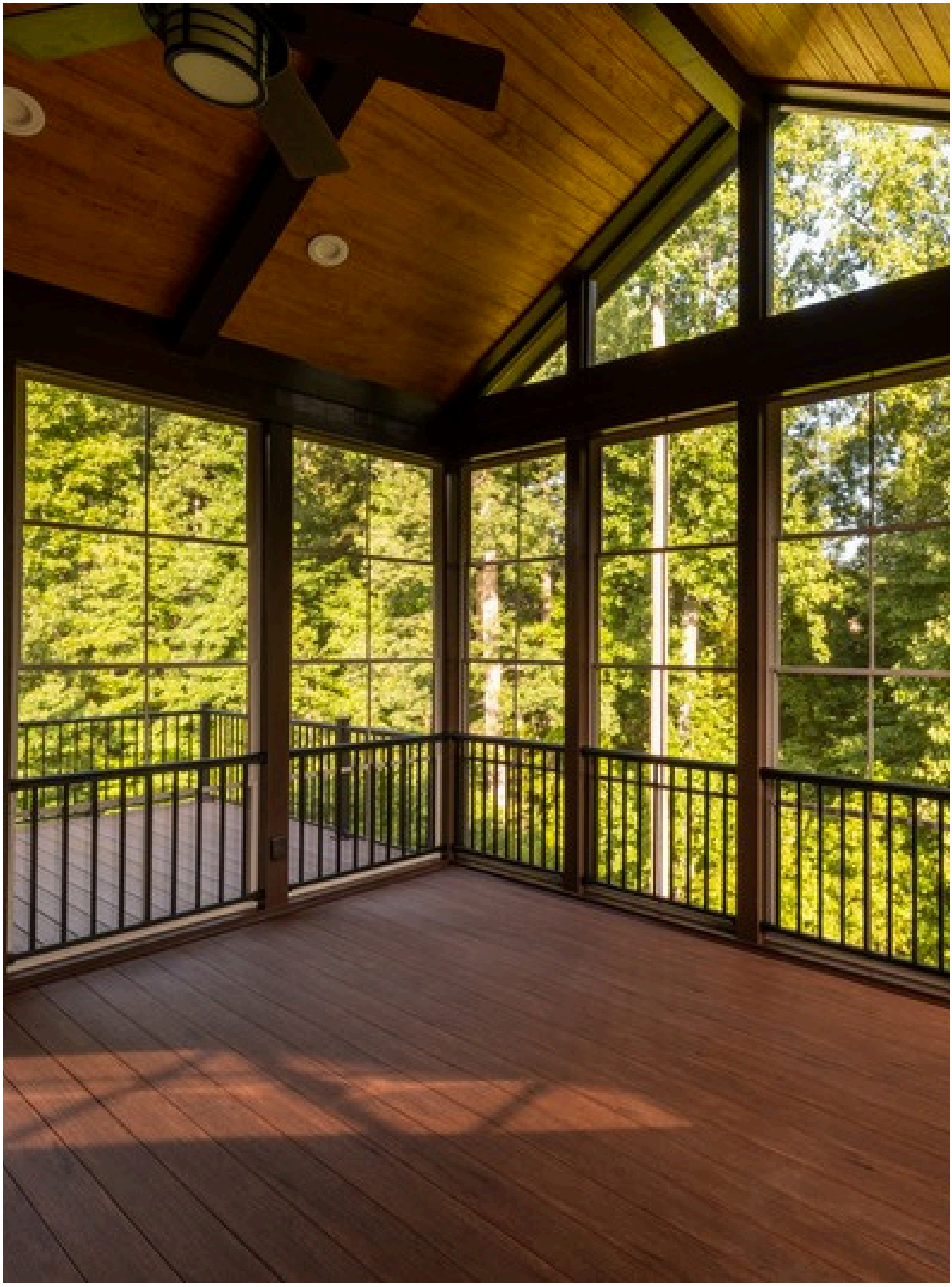


Hidden FastenerDeckboard

ACCESSORIES



ITEM	NOMINAL	ACTUAL
Drinkrail	1“x7”	3/4"x6.5"
Handrail	1"x4"	3/4"x3.5"



7 PORCH FLOOR & CEILING

PORCH FLOORING & CEILINGS

Bring the warmth and character of natural wood to covered outdoor spaces with ThermalPro Wood porch flooring and ceilings. Available in a range of species, profiles, and custom finishes, our thermally modified wood offers enhanced stability and durability for demanding exterior applications.

ThermalPro provides the flexibility to create distinctive porch ceilings and flooring that complement virtually any architectural style.

Availabe in all ThermalPro Wood softwood and hardwood species.

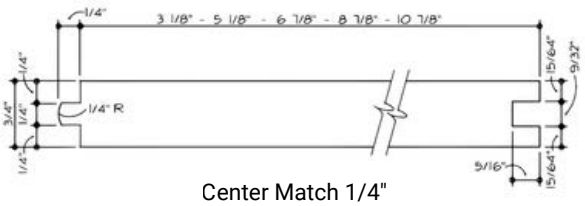


Shown: Ash

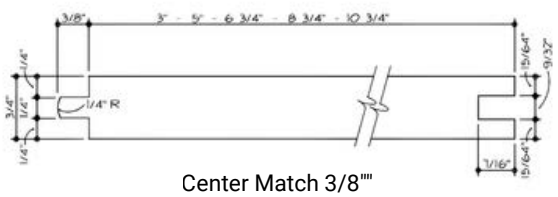


Southern Yellow Pine | Versatile, durable, cost-effective, and highly stainable—ideal for a wide range of porch applications.

FLOORING PROFILES

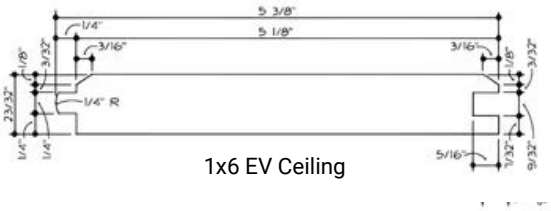


Center Match 1/4"

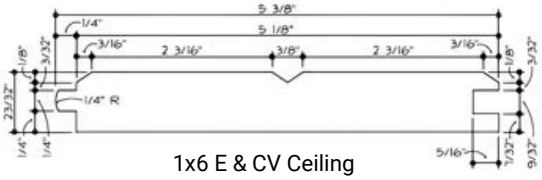


Center Match 3/8""

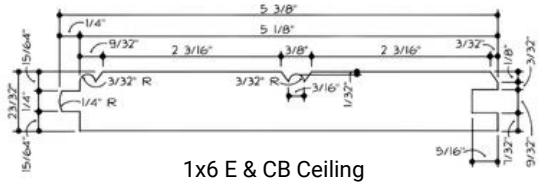
CEILING PROFILES



1x6 EV Ceiling



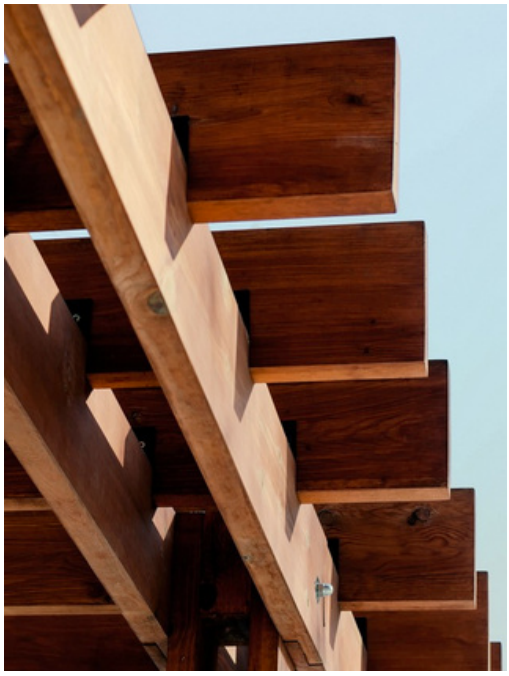
1x6 E & CV Ceiling



1x6 E & CB Ceiling

LUMBER

FROM BOARDS TO TIMBERS



ThermalPro Wood creates high-performance lumber by permanently transforming wood at the cellular level—without the use of chemicals - using an advanced low temperature, high pressure process. For the first time, this technology allows us to thermally modify timbers **up to 8" in dimension**, opening new possibilities for large-scale structural and architectural applications.

The result is exceptional dimensional stability, natural durability, and long-lasting beauty without the brittleness associated with high-temperature modified wood.

Unlike pressure-treated lumber or surface-applied preservatives, thermal modification changes the wood itself, helping it resist moisture and remain more stable in changing climates.

SPECIES

Softwood

- Douglas Fir
- Hemlock
- Spruce
- Southern Yellow Pine

Hardwood

- Ash
- Hickory
- Maple
- Poplar
- Oak

DIMENSIONAL

1x Boards

- Softwood Widths: 2"-12"
- Softwood Lengths: 6'-16'
- Hardwood Widths: 2"-10"
- Hardwood Lengths: 6'-12'

2x Boards

- Softwood Widths: 4"-12"
- Softwood Lengths: 6'-16'
- Hardwood Widths: 2"-10"
- Hardwood Lengths: 6'-12'

TIMBERS

Pine Timbers

- 4x4x4'-16'
- 4x6x8'-18'
- 4x8x8'-18'
- 8x8x8'18'
- Custom sizes

Hardwood Timbers

- Available sizes vary by species. Inquire for details and availability.

Sizes may be limited by species



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A Spartan Forest Products Brand

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