

VikingWood™

What is Thermally Modified Wood?

VikingWood™ is a natural, chemical-free material which is treated under extremely high temperatures (400°F+). Sugars are cooked away leaving a safe, green alternative to chemically preserved wood.

When hardwood is thermally modified, the process permanently alters the wood's chemical and physical properties when temperatures over 400°F are reached. The thermal modification process reduces the equilibrium wood moisture content down to a very low range of 5-6%.



Benefits of VikingWood™

Stability – increased dimensional stability, with less cupping / warping.

Decay Resistance – heat removes the sugar-based, food source for insects and fungi, resulting in a durable interior and exterior product.

Repels Moisture – the heat process fundamentally changes the hygroscopic ability of wood, reducing the wood's ability to absorb moisture up to 85%.

Chemical-Free – naturally durable hardwood product without the use of chemicals.

Chocolate Brown Patina – a rich, deep chocolate brown appearance brings an unexpected tropical look.

Design Applications for Thermally Modified Hardwood

VikingWood™ has a versatile range of design applications, both exterior and interior.

Exterior Applications

- Siding / Cladding
- Decking
- Rainscreen Systems
- Outdoor Furniture
- Window Framing

Interior Applications

- Flooring
- Decking
- Custom Bathroom Features

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