



SCOTTYWOOD

Proud Member of the
International ThermoWood Association

**WOOD
PERFECTED**

TIME FOR THERMOWOOD

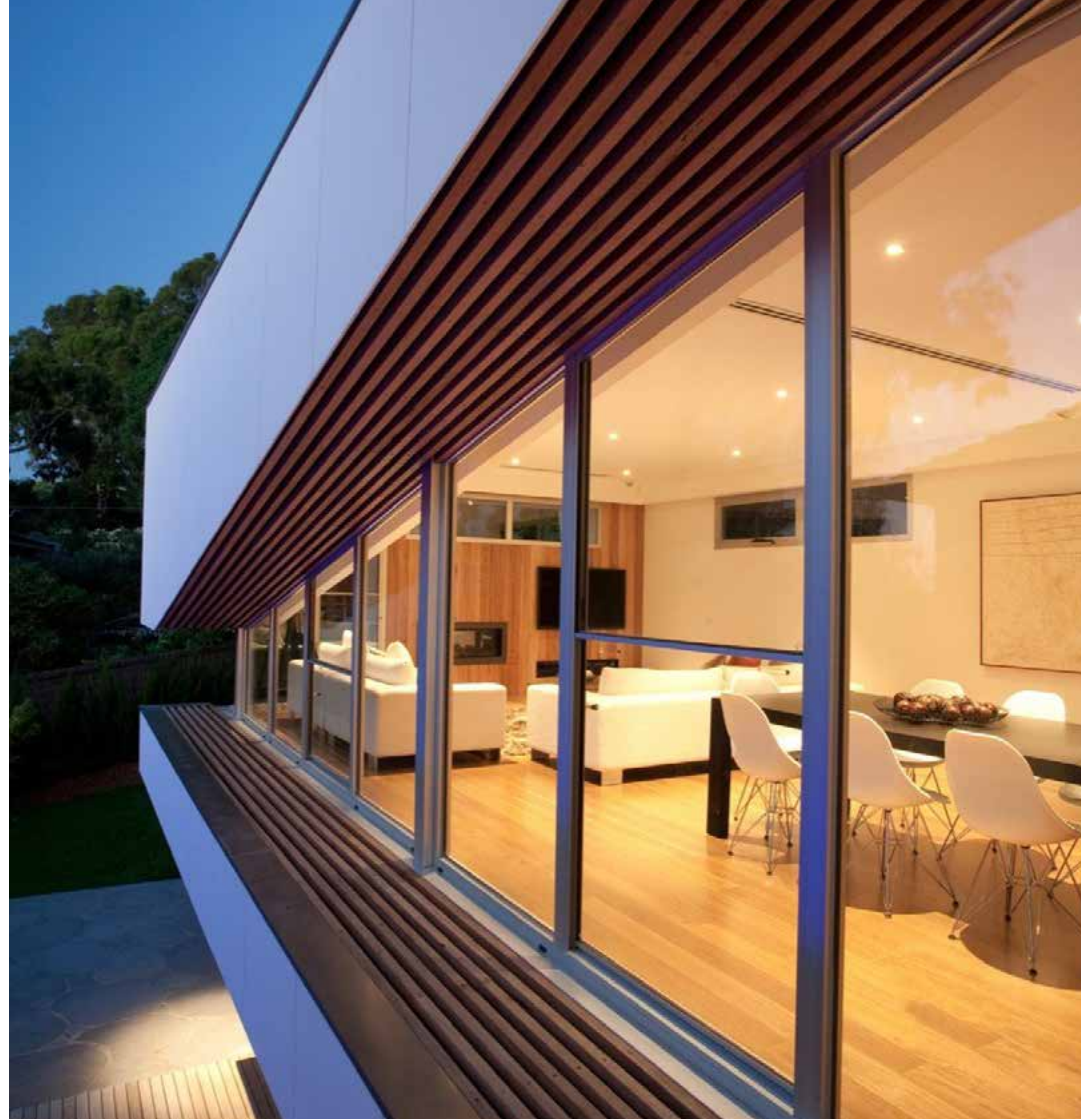
ThermoWood® is a product whose time has come.

Over the last few decades, building design and construction has changed in profound ways. New systems, technologies and materials are revolutionizing new space construction. Innovation is everywhere in the modern, built environment.

Contemporary designers and developers embrace innovation. It's a way for them to create spaces that are beautiful, functional and sustainable. And it helps them improve the performance of the building, as well as those that live, work and play within it.

Wood, the original building material, is being transformed through innovation as well. It's called ThermoWood.

European and Asian designers and developers discovered, long ago, the benefits of ThermoWood. Today, North Americans are embracing ThermoWood like never before. Why? Because it enhances wood's natural beauty and reduces its susceptibility to the damaging effects of the environment.



THE WORLD NEEDS THERMOWOOD

Today, nearly half of the world's population live near water. It's vital that new construction material withstand the damaging effects of moisture. And with climate change, the environment is experiencing more extreme temperatures. Building materials must evolve to address these realities.

ThermoWood does not absorb water like unmodified wood. It's stable, durable, rot resistant, and will not expand or contract like unmodified wood. And its breathtakingly beautiful.

ThermoWood is the perfect substitute for expensive tropical woods. By using domestic wood species, ThermoWood delivers all the benefits of tropical woods and more, without the high cost and environmental impact.

It's ideal for a wide range of exterior and interior applications, especially where high moisture is an issue.



THERMOWOOD IS WOOD PERFECTED

Simply put, ThermoWood is wood perfected.

ThermoWood is created by a process called thermal modification, a carefully-controlled technology that improves the stability and durability of wood using only heat and steam.

The most apparent change created by thermal modification is the darkening of the wood throughout. The higher the temperature, the darker the colour. Wood staining is not required, and the colour change can be accurately controlled with specialty software. The same colour can be achieved, time and time again.

ThermoWood is smooth and splinter free. It is lighter in weight and machines beautifully. ThermoWood is the answer to the manufacture of sustainable, high quality products that look like genuine tropical woods.



MEET SCOTTYWOOD



ScottyWood is an innovative, North American-based company leading the way in thermal modification. Using a Jartek specialty kiln, and leveraging our unique expertise and ThermoWood technology, ScottyWood is fostering innovation in thermal treatment and manufacturing in British Columbia.

ScottyWood is North America's only member of the International ThermoWood Association. Our products are comprised primarily of Western Hemlock and American White Ash. We source our lumber from renewable, sustainable North American forests. We are proud to offer a product that is environmentally responsible.

ScottyWood's services include thermal treatment, manufacturing and lumber sales. Our products are offered to worldwide markets.

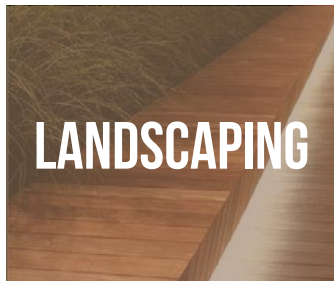
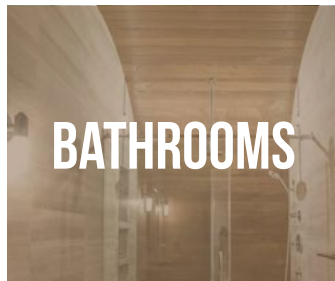
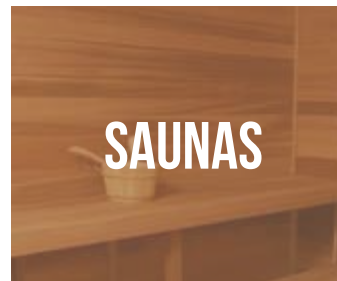
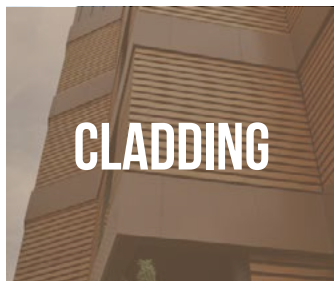
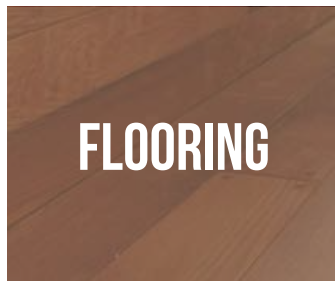
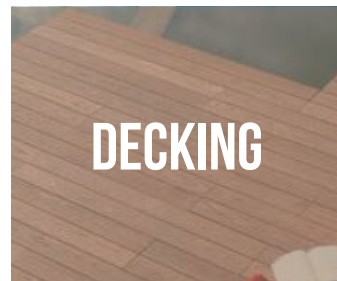


SCOTTYWOOD



WHERE SCOTTYWOOD OUTPERFORMS

Engineered to last, ScottyWood is perfect for use in a wide range of design projects.



THE BENEFITS OF SCOTTYWOOD



Dimensional Stability: Swelling and shrinking of wood, due to moisture variation, is reduced by up to 60%. This dramatically improves stability and makes the wood less prone to cup, warp or twist.



Durability: Thermal modification densifies the wood, making it up to 33% harder. ThermoWood is also more resistant to biological damages, such as decay caused by brown rot and funguses. This extends its service life.



High Quality: Using 100% clear face Western Hemlock and American White Ash, ScottyWood's superior quality products look and perform like tropical hardwoods.



Non-Toxic: The thermal modification process is chemical-free, using only heat and steam. This green technology releases no odours or greenhouse gases.



Sustainability: Our wood is sourced from renewable, sustainable North American forests. By using domestic wood species, ScottyWood and its customers are supporting sustainable development.



Reduced Thermal Conductivity: Thermal conductivity is up to 25% lower than unmodified wood. This provides improved insulation performance, no hot feet on summer decks, and a "Class B" fire rating.



Easy Maintenance: The durability of painted surfaces is greatly improved. ScottyWood will naturally age to a rich, silver-grey when exposed to direct sunlight. Plant-based, UV oil may be used to preserve the rich, exotic colour.

THREE REASONS TO CHOOSE SCOTTYWOOD

1

Looks and performs better

- Superior stability and durability.
- ThermoWood's Equilibrium Moisture Content (EMC) is more than half that of unmodified wood thus significantly reducing its ability to absorb moisture.
- ScottyWood's products perform better than unmodified wood in environments with fluctuating relative humidity. This improved stability means ScottyWood is less likely to cup, warp or twist.
- Thermal modification significantly reduces many of the nutrients and properties that attract insects and support the growth of rot and fungus.
- The thermal modification process is proven to densify wood, making it up to 33% harder.
- The durability of painted surfaces is greatly improved in the thermal modification process because extractives and resins are removed.
- ThermoWood is smooth, splinter free, lighter in weight and machines beautifully.



2

Unsurpassed colour and beauty

- Thermal modification creates a rich, deep colour throughout the wood. The colour and beauty resembles more expensive, exotic tropical hardwood species.
- The rich colour can be easily replicated and precisely controlled with specialty software.
- Like many tropical hardwoods, ScottyWood will naturally age to a striking silver/grey when exposed to direct sunlight.
- Maintain the colour with an oil-based, UV protectant applied every few years.

3

Good for the local and global environment

- ScottyWood's thermal modification process uses only heat and steam - no chemicals.
- ScottyWood is sourced from renewable, sustainable North American forests. By using domestic wood species, in place of tropical hardwoods, ScottyWood and its customers are supporting sustainable development.
- ScottyWood is more stable and durable, this extends the service life and reduces the lifetime maintenance needs of the wood.

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