



Lunawood ThermoWood®





Hotel Umani, Bulgaria
Architect: STARH

Nordic Lunawood ThermoWood®

Lunawood enables innovative and long-lasting use of wood on all decorative surfaces. It is best known for its dimensional stability, durability, and sustainable nature. Lunawood doesn't require surface treatments, which makes it an ecological choice throughout its life cycle. Wherever Lunawood ThermoWood® is used, it brings Nordic luxury and a natural feel to the surrounding space.

Lunawood ThermoWood® products are thermally modified using only natural methods utilizing heat and steam – no chemicals are used. Our raw materials, Nordic pine and spruce come from close to us, from the well-managed, renewable Nordic forests. We use a patented and third party-audited thermal modification process with a strict quality control process to ensure a long lifecycle of the Lunawood. Our products are designed and manufactured in Finland with more than 20 years of robust professionalism.

Lunawood offers a wide selection of tongue and groove profiles for cladding and paneling, battens for decorative wood structures and surfaces, and decking boards with a hidden fixing system.



Dimensionally stable

Significantly improved dimensional stability. Lunawood retains its original shape better than untreated wood.



Low maintenance

Lunawood does not require surface treatment in any climate. When left untreated, it gradually develops a beautiful silver color.



For all climates

Proven to work well even in the most challenging climates. Does not react to changes in humidity.



Healthy

Lunawood on decorative surfaces increases comfort and improves wellbeing. The physiological and psychological effects of wood on humans are undeniable.



Certified quality

Patented non-toxic production method to produce ThermoWood®. Continuous quality control audited by a 3rd party to ensure a long life-cycle.



Pleasant features

A delight to all of the senses: the touch, visuality and scent are sophisticated, yet natural.



Throughout sustainable

Certified Nordic raw material from nearby forests. Lunawood acts as a carbon storage and is 100% recyclable.



Pure material

Truly natural product without any chemicals. No harmful indoor air emissions or resin leakage even at the highest temperatures.



Nordic

Designed and made in Finland. The Nordic approach extends to both architecture and the way we do business.



■ **Colby College, Maine** Architect: Kaplan Thompson Architects. Photo: Christian Phillips.

For demanding applications

The weather resistance, dimensional stability, and beautiful appearance of Lunawood make it a viable choice for facades, interiors, landscaping projects and deckings in all climate conditions. What is truly unique about Lunawood Thermowood is its suitability both outdoors and indoors. This enables the same wood surface to continue from the outside in and from the inside out.

Due to its toxin-free composition, Lunawood is safe to use. Lunawood does not necessarily require surface coatings even in the most challenging climate conditions. It makes Lunawood a truly sustainable choice for decorative surfaces throughout the whole life cycle.

Delight for all senses

Beautiful and brown-toned Lunawood, with its unique glow, brings nature into an urban space. Lunawood Thermowood stems from Nordic pine and spruce with branches that create beautifully round and butterfly-shaped knots and a unique look. The planed Lunawood products have a silky-smooth surface. Alongside the touch, the visuality and scent of Lunawood Thermowood are sophisticated, yet natural. The porous wood surface does not reflect sound in the same way as hard and artificial materials.

The natural greying of Lunawood

Thermal modification gives Lunawood a distinctive, unified brown color. However, like untreated wood, Lunawood will begin to turn grey gradually, due to the effects of the weather when the surface is left untreated. The final shade of grey varies from pure silver grey to more variegated, depending on the ambient UV-radiation and climate. The duration of the greying process also varies and can take years, but the end result is worth it. The greying does not affect the good technical properties of the product, when the product is installed according to the official installation instructions. The weathered Lunawood gives exterior applications an attractive and natural look.

■ **Savannen Nursery, Denmark** Architect: Nordic – Office of Architecture



Sustainability – a True Story

Sustainability is at the heart of Lunawood's operations, from the sourcing of raw materials, to 100% chemical-free ThermoWood production and to products with a long life cycle. All of this is made possible by a socially responsible corporate culture with an emphasis on safety.

Lunawood's chain-of-custody certification provides independent verified assurance that our certified forest-based material originates from sustainably managed forests. It complements PEFC forest management certification, which ensures that forests are managed in line with challenging environmental, social and economic requirements. In Finland, only 75% of the annual growth is harvested and whenever one tree is cut, four new ones are seeded

Our trademarked ThermoWood® products are produced using a patented and annually audited process that is supervised by an independent third party. The totally chemical-free modification process makes ThermoWood a truly sustainable, durable, stable and naturally beautiful alternative to tropical hardwood on decorative surfaces in all climates.

100%

From renewable Nordic forests
Our raw material comes from renewable and PEFC-certified Nordic forests, located close to our mills in Finland.

0%

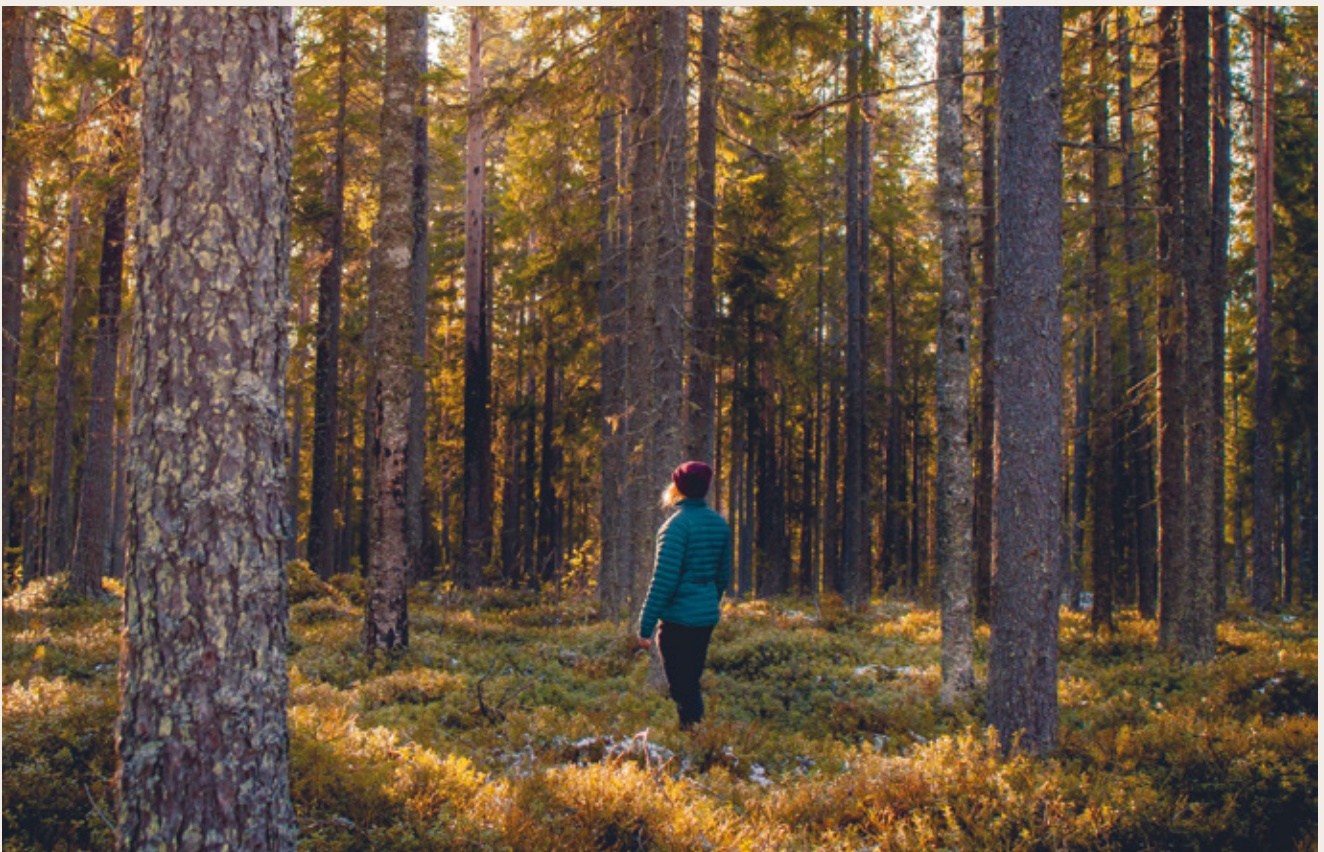
Free from chemicals
Our patented ThermoWood® process and products are chemical-free.

5X

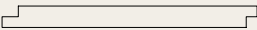



Long term CO₂ storage
One m³ of Lunawood stores over five times the amount of CO₂ from air compared to the production emissions.

Source Lunawood Environmental Product Declaration (EPD)

Our trademarked ThermoWood® products are produced using a patented and annually audited process supervised by an independent third party.



The most popular profiles

Profile	Product name	Length (ft)	ft/sqft
	Luna TGV 1x6	11' 9.7" - 16' 8.8"	2.34'
	Luna Pure 1x5	9' 10.1" / 11' 9.7" - 16' 8.8"	2.85'
	Luna Panel System 1x3	9' 10.1" - 15' 9.0"	5.35'
	Luna Panel System 1x5 END-MATCHED	9' 10.1" / 11' 9.7" - 16' 8.8"	2.88'
	Luna Layer 1x6 Brushed	11' 9.7" - 16' 8.8"	2.27'
	Luna Layer 1x8 Brushed	11' 9.7" - 17' 8.6"	1.69'
	Luna Triple 6/4x6	11' 9.7" - 17' 8.6"	2.31'
	Luna Trio 5/4x4	9' 10.1" - 14' 9.2"	3.63'
	Luna Aalto 6/4x6	11' 9.7" - 16' 8.8"	2.27'
	Luna SHP PF 2 1x6 Brushed	12' 9.5" - 17' 8.6"	2.09' (0.2" GAP)
	Luna SHP 2x2	9' 10.1" / 11' 9.7" - 15' 9.0"	
	Luna SHP 2x3	9' 10.1" / 11' 9.7" - 13' 9.4"	
	Luna SHP 1x5	9' 10.1" / 11' 9.7" - 17' 8.6"	

Installing Lunawood

The best way to ensure the longest possible service life and most beautiful outcome for Lunawood ThermoWood® is through correct installation. Here are the most important tips for installing Lunawood products on exteriors:

- Always use stainless steel fasteners when installing Lunawood, as ordinary screws may stain the wood.
- Leave enough space around Lunawood to ensure sufficient air ventilation.
- Pre-drill the screw holes when mounting is less than 2¼ inches from the end of the profile to avoid the risk of cracks during installation.



Design Tools for professionals

The properties and sustainable nature of Lunawood inspires architects, designers and builders to create versatile projects around the world, making wooden designs more innovative and sustainable than ever.

It is most important for us to support and inspire the professionals to succeed in their work as much as possible. We offer free digital design tools, sample pieces to make it easier to choose and use Lunawood products.



Lunawood's design tools make it easy to choose the right product. They are available free of charge at lunawood.us



Digital Design Tools

With our digital design tools, you can adapt Lunawood products to your own design. Lunawood BIM-objects are available in ArchiCAD and Revit downloads. Lunawood IFC models are platform-free. Our digital library also contains high-quality material images in jpeg format.



Lunawood Visualizer

The Lunawood visualizer is an easy way to test different products online and get confirmation for a product selection. Through the high-quality 3D visualizations, you can see what the profile looks like on a larger surface after installation, and after naturally weathering.



Sample pieces

Lunawood is a product that enchants all of the senses. With the help of our sample pieces, it is possible to experience the product with all of its charming attributes. Order free sample pieces through our website.





■ Casa A, Portugal Architect: REMA arquitectos, Photo: Ivo Tavares

Reconnecting nature with urban people

Lunawood is a pioneer and global market leader of decorative wood solutions. We love the forest, its untamed freedom, and its incomparable strength. Our mission is to reconnect nature with people in urban environments. We make the soothing effect of the forest available to all.

Our mills in Finland transform the very best Nordic pine and spruce into beautiful and long-lasting ThermoWood®. It is the ideal foundation and the perfect material for an ecological and healthy way of designing, building, and living.

Founded in 2001, Lunawood today employs 140 professionals across our two production units and head office in Finland, as well as in our key export markets. Our products are exported to more than 70 countries.



lunawood.us

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