



Lunawood ThermoWood®





# 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 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 strong professionalism.

Lunawood offers a wide selection of tongue and groove profiles for cladding and panelling, 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 human 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**  
Delight to all of the senses: the touch, visibility 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 in the highest temperatures.



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



■ Project Ö, Finland, by Aleksi Hautamäki

## 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 Thermo-wood 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 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 colour. 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 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.

■ Casa A, Portugal, by REM'A arquitectos



## Sustainability – a True Story

Sustainability is at the heart of Lunawood's operations, from the sourcing of raw materials, to 100% chemical-free Thermo-wood 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 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.



### From renewable Nordic forests

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



### Zero chemicals

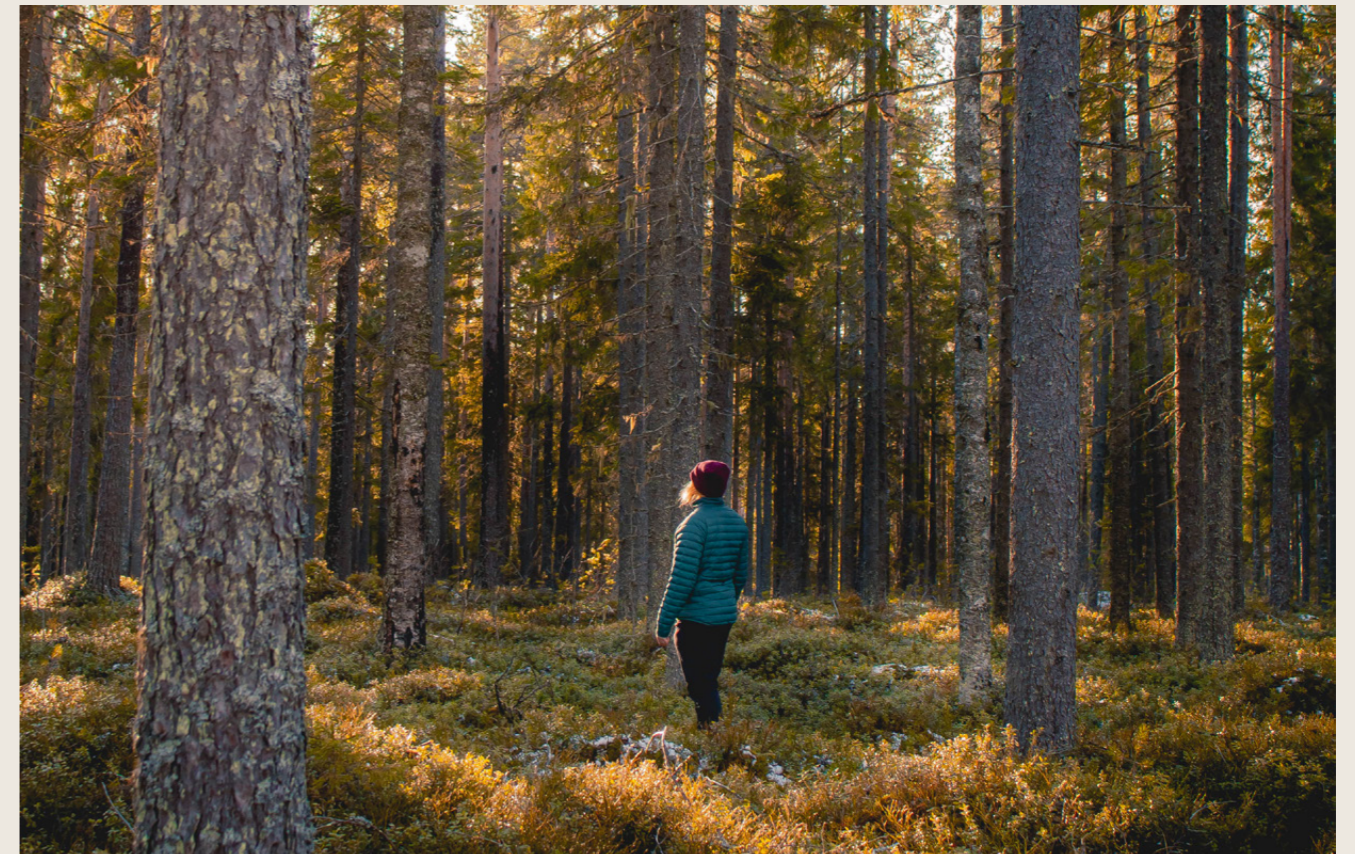
Our patented Thermowood process and products are chemical-free.



### Long term CO<sub>2</sub> storage

One m<sup>3</sup> of Lunawood stores over five times the amount of CO<sub>2</sub> from air compared to the emissions from the production.

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





## Lunawood Collection

### Lunawood panels

With Lunawood's tongue and groove products, it is possible to create beautiful wooden surfaces, installed vertically or horizontally. Our wide product range includes sharp-edged and more traditional profiles. The new brushed extra-wide spruce panels provide a more rustic look for facades and interiors.

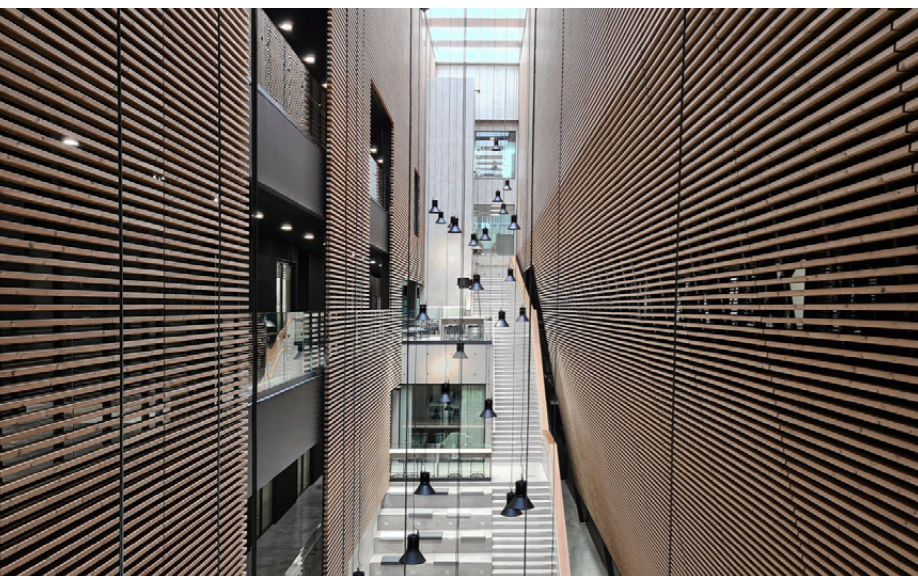


RV House, Portugal, by Marta Rocha and Fabien Vacelet, Photo: Tiago Casanova

Talo Senu, Finland, by Esmeralda Ståhlberg, Arkkitehtitoimisto Eark Oy

### Lunawood 3D products

Lunawood offers a collection of modern 3D profiles to create fascinating textures for all decorative surfaces. Thanks to the tongue and grooved profile, the 3D products are easy and quick to install. The best known Lunawood 3D product is the Luna Triple 32x140, which has also won the Architecture Masterprize award in the category of 'sustainable products'.



### Lunawood battens

Planed all round Lunawood battens are the most versatile Thermowood product for facades, interiors, landscapes and other decorative exterior structures. Combining profiles of different sizes creates unique and contemporary wooden surfaces. Thanks to Lunawood's dimensional stability and lightness, Lunawood battens can also be used in mobile sunscreen systems.

Aurum, Finland, by Aihio Arkkitehdit, Photo: Wellu Hämäläinen

## 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.



### 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 jpg 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.

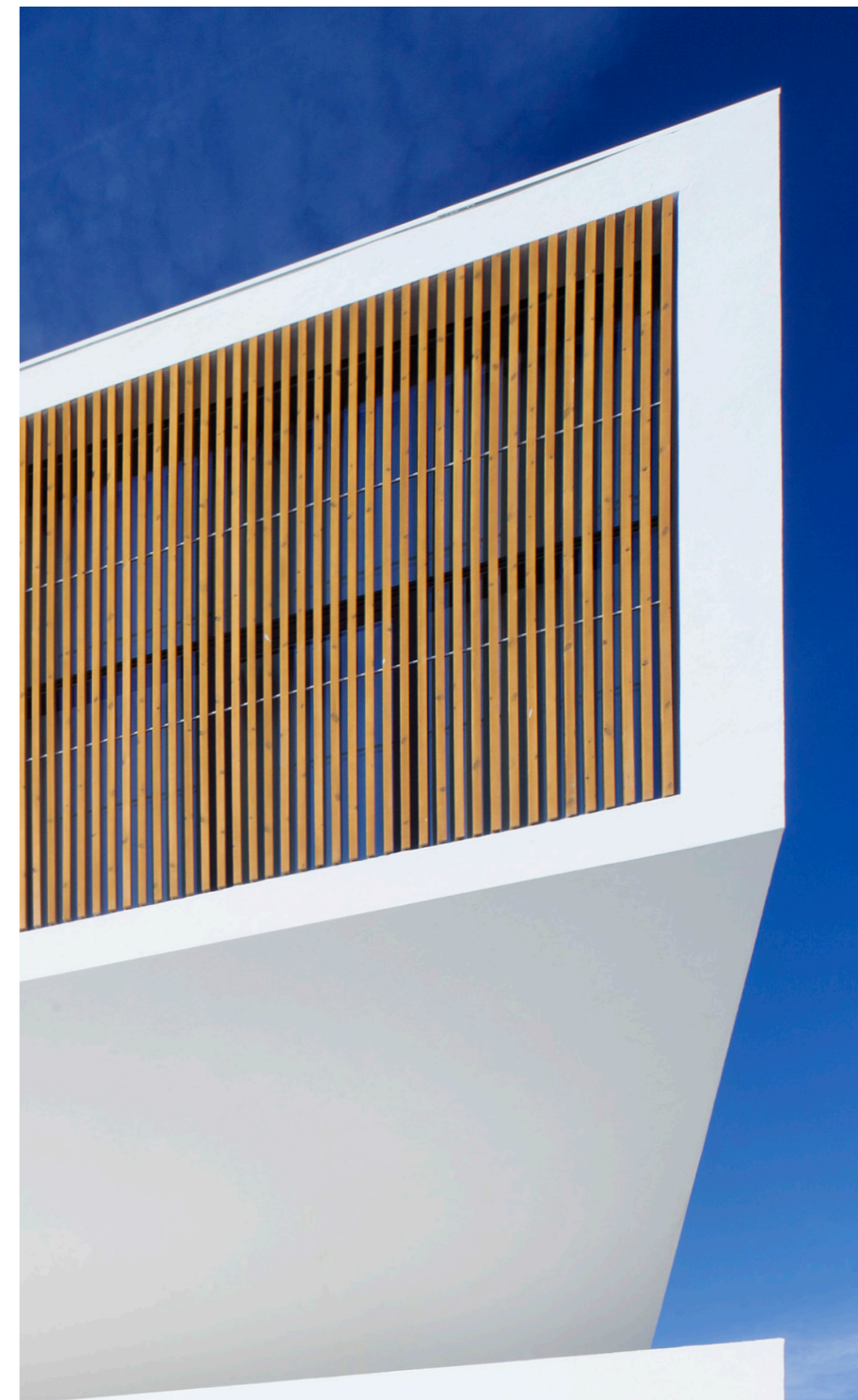


### Sample pieces

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

Forum Braga, Portugal, by Barbosa and guimarães architects, Photo: Tiago Casanova

Lunawood's design tools make it easy to choose the right product. They are available free of charge at [lunawood.com](https://lunawood.com)





■ Casa A, Portugal, by REM'A 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.

Lunawood was founded in year 2001. Today, we employ 140 professionals in Finland, at our production units in Iisalmi, Kaskinen and Joensuu, as well as at our head office in Lahti and in main export markets. Our turnover in 2021 was EUR 75 million.

