

**LUNAWOOD**

**LUNAWOOD THERMOWOOD®**



Lunawood's Official Partner in New Zealand

**JSC Timber**

Established in 1900. New Zealand Owned & Operated

[jsctimber.co.nz](http://jsctimber.co.nz)



Lynnwood Lane Retail Center, South Africa,  
2019 by Living Planet Architects

## PREMIUM LUNAWOOD THERMOWOOD®

Lunawood is a premium wood material for versatile exterior and interior applications in all climates. Our products create opportunities for architects and designers to use wood in an innovative and natural way.

The quality of our products starts by selecting the very best **certified Nordic pine and spruce**, which we enhance to produce the more durable, beautiful and long lasting Lunawood Thermowood. Only the carefully chosen, live knotted part of the tree is used to ensure the high quality of our final products – available in bandsawn face for the New Zealand market.

Lunawood's **thermo treatment process** respects the natural properties of the timber. The raw material is processed using only heat and steam – no chemicals are used.

# FOR DEMANDING APPLICATIONS

Thermal modification enhances the performance of timber, which expands the range of applications in which it can be used. Lunawood's excellent dimensional stability enables challenging designs. Lunawood Thermowood withstands even the toughest external environments.



## DIMENSIONAL STABILITY

Retains its shape better than untreated wood and therefore a perfect choice for demanding applications



## ALL CLIMATES

Can be used both indoors and outdoors in all climate conditions



## WEATHER ENDURANCE

Durable and weather resistant, Lunawood Thermo-D has Class 2 decay resistance



## NON TOXIC

Completely natural and toxic-free material



## PEFC

PEFC certification demonstrates that forests are managed in a sustainable fashion



## THERMAL INSULATION

Decreased heat transmission compared to untreated wood



## RESIN FREE

Resin is removed during the Thermal modification process



## SUSTAINABLE FORESTRY

Raw material is grown in sustainable and certified Nordic forests



## CERTIFIED QUALITY

Trademarked product produced by patented and annually audited process

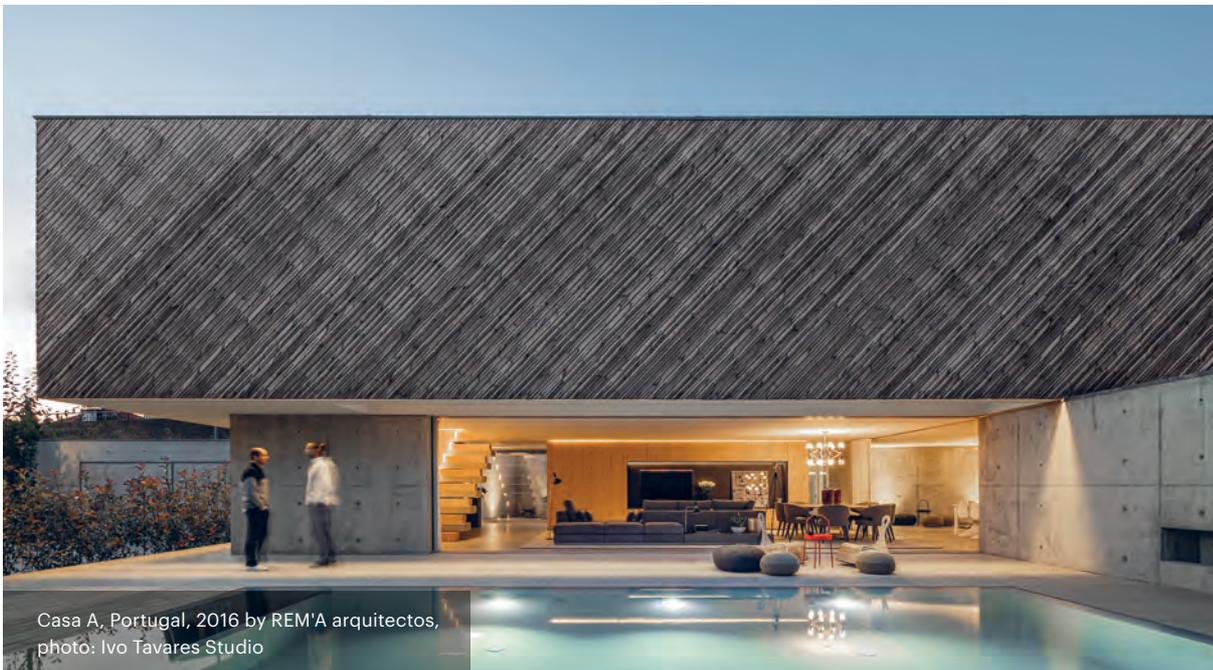


## THE NORDIC SWAN ECOLABEL

Products meet extremely high environmental and climate requirements



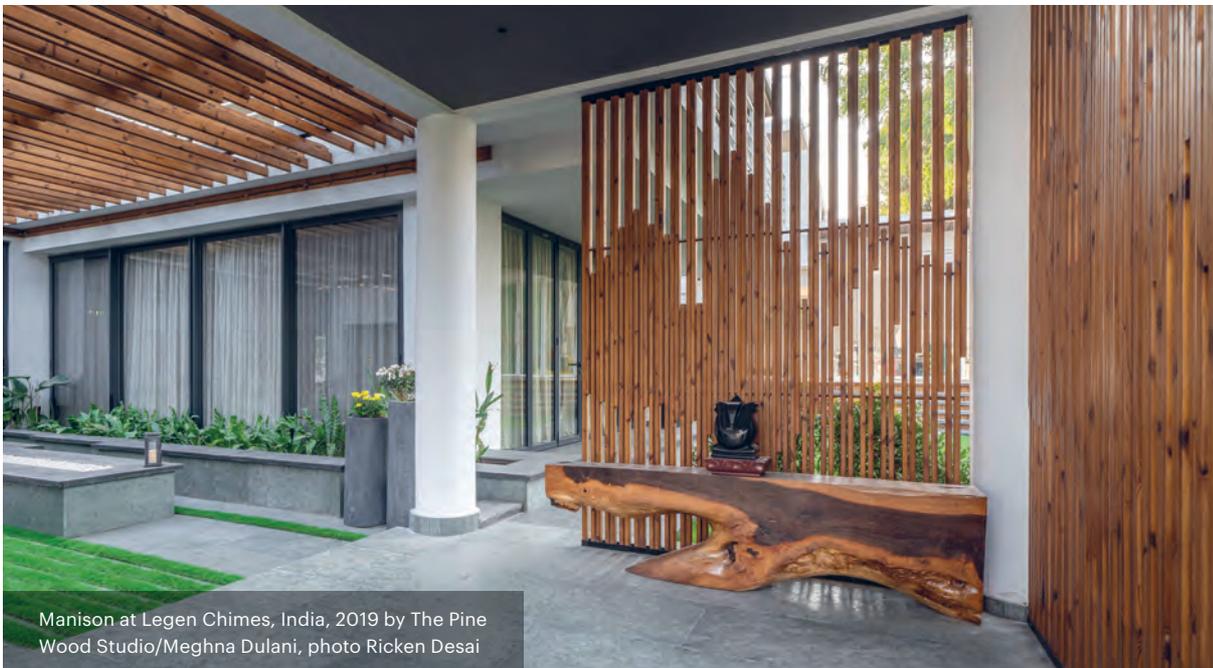
Mercat de Sant Adrià de Besòs, Spain, 2016 by Maria Manrique and Gisela Planas, photo: Pere Virgili



Casa A, Portugal, 2016 by REM'A arquitectos,  
photo: Ivo Tavares Studio

## FACADE

Lunawood is a reliable choice for exterior cladding and facades due to Thermowood's improved dimensional stability, durability and aesthetics. Lunawood products provide a modern finish for a variety of applications. Due to the high temperature of Thermowood treatment process, resin is removed from the wood. This ensures a high visual quality for LunaThermo-D claddings. When Lunawood Thermowood is exposed to UV-light, it will turn beautifully silver grey unless protected by a pigmented surface protection.



Manison at Legen Chimes, India, 2019 by The Pine  
Wood Studio/Meghna Dulani, photo Ricken Desai

## BATTENS

Lunawood Thermowood battens are an ecological way of cooling buildings without consuming extra energy when used as solar shades. Battens can be used in many different indoor and outdoor applications: fences, partitions, effect walls, ceilings etc.



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## INTERIOR

Lunawood Thermowood is highly suitable for paneling and battens. Lunawood is also often used in humid environments e.g. saunas and spa interiors. In addition to its attractive appearance, the thermal modification of wood eliminates the risk of harmful emissions such as formaldehydes. This makes Lunawood pure, safe and hygienic material for interiors.



Apukka Resort, Finland, 2019

## JUKOLA 3D TEXTURES

Lunawood's Jukola 3D panels combine state-of-the-art wood processing technology with traditional and contemporary Finnish design. Jukola 3D products enables one to create eye-catching surfaces in interior and exterior applications. The 3D surfaces are composed of specially machined, yet conventional Thermowood profile boards. These boards can be applied in infinite ways as interior decorations as well as facade cladding.

# JSC PROFILES AVAILABLE AS LUNAWOOD

PROFILE	PRODUCT
	<b>Vertical Shiplap Weatherboard</b> Square Edge & 6mm Channel LP341 (90x18.5), LP55 (135x18.5), LP56 (180x18.5)
	<b>Vertical Shiplap Weatherboard</b> Bevel Edge & 6mm Channel LP49 (90x18.5), LP51 (135x18.5), LP52 (180x18.5)
	<b>Rusticated Weatherboard</b> Double Splay Rustic & 6mm Channel LP524 (90x18.5), LP526 (135x18.5), LP528 (185x18.5)
	<b>Rusticated Weatherboard</b> Double Splay Rustic & 11mm Channel LP527 (135x18.5), LP529 (185x18.5)
	<b>Rusticated Weatherboard</b> Single Groove Rustic & 15mm Channel LP514 (135x18.5), LP515 (185x18.5)
	<b>Rusticated Weatherboard</b> Single Groove Rustic & 20mm Channel LP516 (185x18.5)
	<b>Bevel Back Weatherboard - Standard</b> LP501 (135x18.5), LP502 (185x18.5)
	<b>Batten Profile</b> LP123 (65x18.5), LP124 (90x18.5)
	<b>Board Profile</b> LP120 (135x18.5), LP121 (185x18.5)
	<b>Fascia Profiles</b> LP69 (135x18.5), LP70 (180x18.5)
	<b>Moulding Profiles - Scribes</b> LP13 (40x10), LP12 (40x17), LP11 (65x17)
	<b>Moulding Profiles - Eaves Mould</b> LP33 (26x15)
	<b>Moulding Profiles - Corner Moulds</b> LP40 (40x40), LP41 (19x19), LP42 (42x42)



Hotel Pecr Deep, Czech Republic,  
2019 by Ing. Arch. Zdeněk Kozub



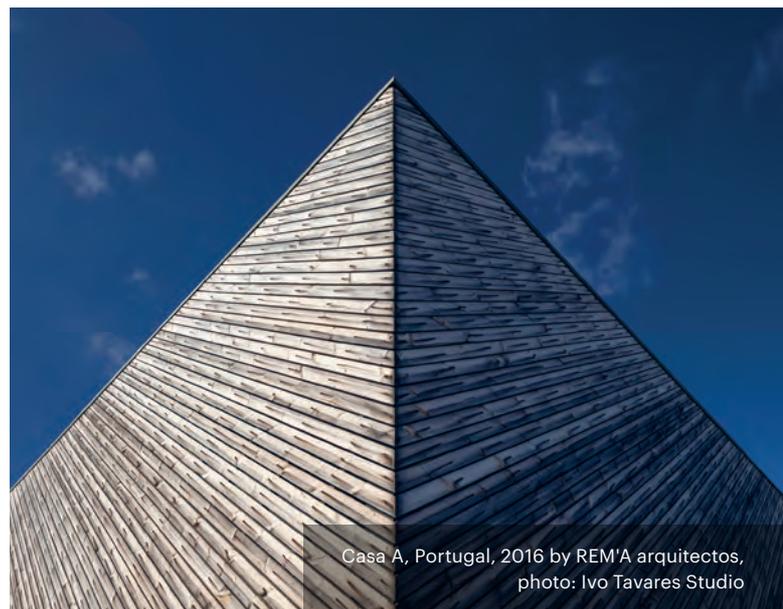
Casa A, Portugal, 2016 by REM'A arquitectos,  
photo: Ivo Tavares Studio



Square House, South Korea,  
2016 by Sam Young Choi



Garth, Australia, 2015 by OLA Architects,  
photo: Derek Swalwell



Casa A, Portugal, 2016 by REM'A arquitectos,  
photo: Ivo Tavares Studio



# **Love for the Forest**

**Lunawood** is a pioneer and global market leader of Thermowood. 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. Every Lunawood product is an authentic piece of Nordic forest and is the result of years of dedication to sustainability.

Non-toxic Thermowood is suitable for all climates and types of weather. It is dimensionally stable and resin-free. These unique properties inspire architects and builders to create amazing and versatile projects around the world.

Lunawood Thermowood production started in 2002. Today company employs 100 professionals in Finland, at its production units in Iisalmi, Kaskinen and Joensuu, as well as at its head office in Lahti and in its main export markets. In 2019 Lunawood's turnover was EUR 49 million.



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