



ALTERNATIVE USES

CATALOG



Rooted in sustainability , crafting a greener future

*As Novawood , we set out to transform the weaving texture of the “tree” into the texture of “life” .
Our aim was to transform the most beautiful gift of nature into living spaces that breathe .At the
point we have reached today , we feel that we are bringing the nature one step closer to humans
through each new design developed .*

*While trying to preserve the forest richness of our world with the sustainable solutions , we embrace
the “long life span” as the most important brand value of our products .
We are inspired by the nature itself in terms of harmony and aesthetics , and we preserve our products
with the most advanced thermal modification method “Thermonwood” for ultimate “durability” and
“endurance” .*

*We have a justified pride in our position as being the first company introducing the thermal
modification technology “thermonwood” in Turkey . We develop and direct every stage of the
production process with innovative approaches which add value to the life . We strive to reinforce the
wood products and wooden materials , which we regard as living materials , without compromising
the aesthetics and naturalness of the product .*

*Our aim is to offer the precious gifts of the nature by preserving them in their most natural state .
“Nature cannot be considered apart from us , it is part of us .”*

NOVAWOOD



*Feel the warmth of the nature
in your living spaces*



Novawood Factory ■

FACTORY & PRODUCTION

Novawood is a world leading manufacturer of the thermowood sector with its high quality products, technological infrastructure and wide product range. The company produces 30,000 m³ of Novathermowood timber and 1,000,000 m² of finished products annually at its facilities located in Bolu Gerede, Turkey. Products manufactured at Novawood facilities are in compliance with the international quality standards. The quality is accredited as Novawood has participated in the research and quality control studies of the internationally accredited organizations in the sector.

Thermowood products mainly produced by Novawood include exterior claddings, deckings, sunshades, pergolas, door and window scantlings, materials for urban furnitures, blinds and shutters, solid and engineered floorings and interior wall coverings.

Novawood constantly renews and develops its product range in accordance with the needs and demands of the industry, without sacrificing quality. Working with a focus on the customer satisfaction and quality, Novawood also produces special products suitable for the large architectural projects and customer specific solutions.

NOVAWOOD



Novawood Headquarter ■



Novawood Showroom ■

Novawood Technology

Wood is one of the oldest building materials, used for thousands of years. Novawood is a leader in the production of heat-treated wood and brings a new perspective to the use of wood with an environmentally friendly and aesthetic perspective.

Novawood Technology is a perfect combination of nature and innovation. It offers technical solutions designed with high-processing methodology and special recipes. This process, which includes high temperature drying, heat treatment and cooling steps, increases the performance of the wood, making it suitable for various applications.

Closing the Sustainability Gap:

As the increase in world population causes the demand for wood to exceed natural forest resources, Novawood Technology provides an environmentally friendly solution through its sustainable, rot-resistant, and long-lasting wood products, helping to curtail excess consumption and contributing to nature conservation.

Certified Resources and Green Programs: ;

Forest Stewardship Council (FSC) and PEFC-certified woods ensure sustainable resources. These certified products are suitable for use in various green building rating systems, serving as attestations to Novawood's environmental efficacy.

Environmental Product Declarations and Ecological Footprint:

Novawood focuses on reducing its ecological footprint by using Environmental Product Declarations (EPDs) for its heat-treated wood products. This sustainability commitment emphasises carbon storage and promotes environmental awareness..

Fire Resistance:

Novawood ensures top safety standards by enhancing wood fire resistance through the Burnblock process. This process which applies with the vacuum-pressure impregnation method, provides long-term fire resistance, deeply protecting the wood.

In summary;

Novawood seamlessly blends aesthetics and sustainability, establishing wood as an essential material in contemporary construction projects. With environmentally compatible and durable products, Novawood is poised to influence future construction trends.

UNDERSTANDING NOVAWOOD TECHNOLOGY

*“Sustainable Selections in
Harmony with Nature”*



Novawood adheres to the International Thermowood Process Dynamics (Cen/Ts 15679) in its production and holds the distinction of being the longest-standing global partner of the international Thermowood Association.



The EPD certificate marks a significant stride towards an environmentally friendly and sustainable production approach. All Novawood products are included in the green product declaration program required for green-certified and environmentally friendly buildings. It is the most valid and required certification program globally for both low carbon emissions and transparent production.



The Forest Stewardship Council™ (FSC™) is a global, not-for-profit organization dedicated to the promotion of responsible forest management worldwide. FSC defines standards based on agreed principles for responsible forest stewardship that are supported by environmental, social, and economic stakeholders.



Programme for the Endorsement of Forest Certification offers independently verified assurance that our forest-based products come from sustainably managed forests. It reinforces our commitment to rigorous environmental, social, and economic standards.



Our commitment to sustainability is demonstrated through ISO 14001:2015 certification, ensuring our products meet international environmental management standards. By choosing our ISO-certified products, you're not just investing in quality; you're also endorsing environmentally friendly and responsible production.



It confirms that all requirements of the quality program (Quality Mark TMT) are fulfilled.



Burnblock, applied to Novawood products using the vacuum-pressure impregnation system, developed as an environmentally friendly and ecological technology, certifies our products in the highest fire resistance class. This ensures Novawood provides 100% environmentally friendly and fire-safe wood products for your living spaces.



The FC inspection certificate affirms that our company's Thermowood production facilities and factory operate in compliance with international production standards.



An international standard guiding water footprint assessments, it ensures responsible water management across our product lifecycle— from raw material sourcing to production and distribution.



An international standard guiding carbon footprint assessments, it ensures responsible carbon management across our product lifecycle— from raw material sourcing to production and distribution.



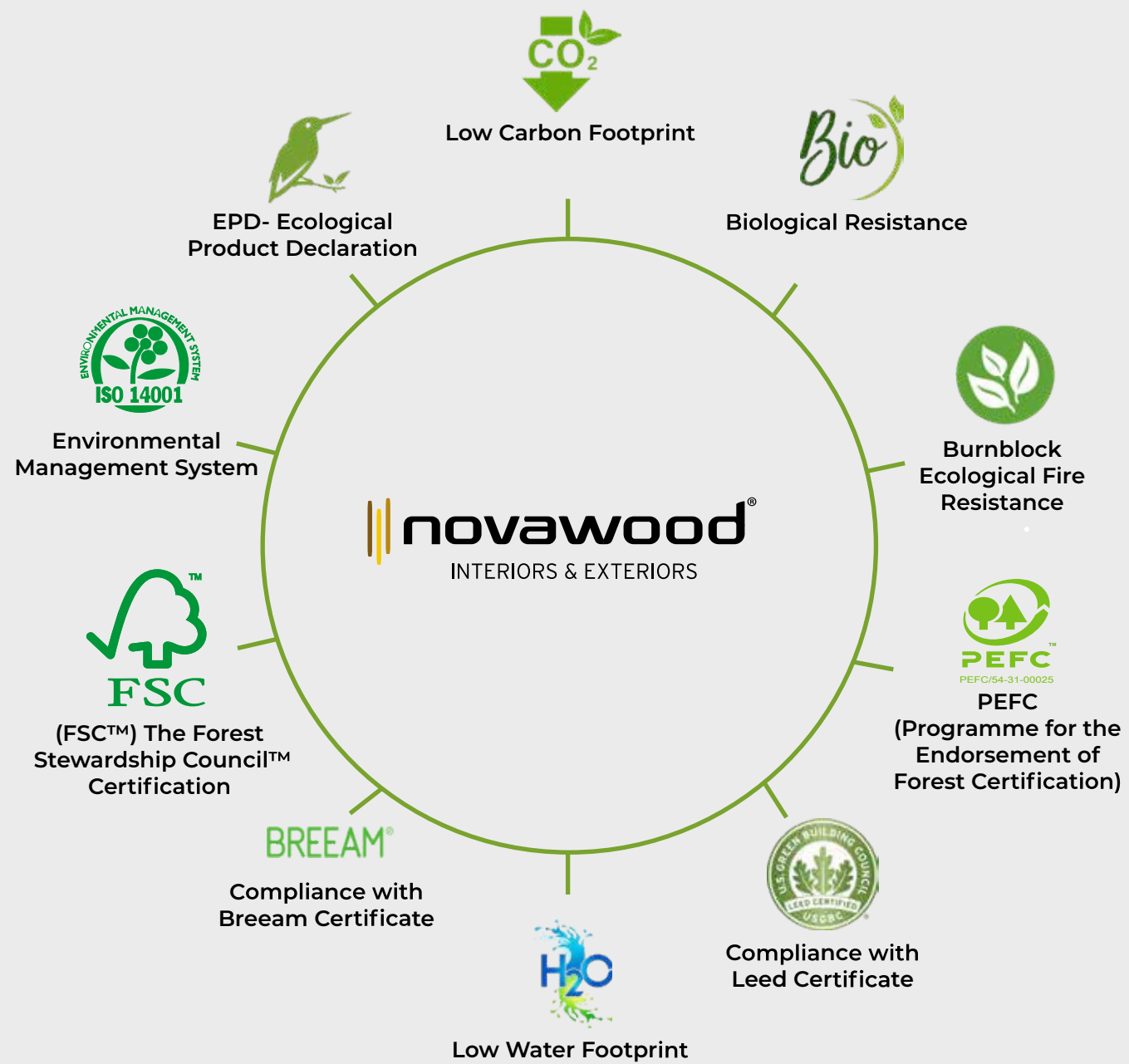
This certificate confirms that Novawood's activities and productions are in accordance with Turkish standards as well as showing that the production place of certified products meets the requirements of the institute.



This Certification ensures that the manufacturer or importer affirms the good's conformity with European health, safety, and environmental protection standards.



This Certificate confirms that Novawood meets the requirements of international standard for quality management.





Embrace wood's freedom in every space
your imagination envisions—it rests in your
hands.



ALTERNATIVE USES

TINY HOUSE



Shrink your space and simplify life with tiny houses. Embrace the beauty of eco-friendly tiny houses, simplifying your life and bringing you one step closer to nature's embrace



Discover the enchanting world of wooden tiny houses – where rustic elegance meets sustainable living. Our meticulously crafted wooden tiny houses are a testament to the artistry of timber, offering a cozy haven that's both charming and eco-friendly. Designed with meticulous attention to detail, these compact marvels maximize space efficiency while surrounding you with the warmth of natural wood. Embrace simplicity and savor the serenity of these delightful dwellings, inviting you to connect with nature and find solace in small, beautiful spaces. Welcome to a world where less truly is more – explore our wooden tiny houses and embrace a life of sustainable comfort today.

SPA / SAUNA



Yiğit Koca Architecture



Thermowood used in your spa and saunas not only brings warmth but also naturalness and luxury. It seamlessly combines aesthetics and durability, providing users with a unique spa and sauna experience.



Wood Specie	Thickness (mm)	Width (mm)	Length (mm)
TMT Pine	16 / 19	92 / 118	1000 - 5100
TMT Ayous	16 / 18 / 20	92 / 120	800 - 4000
TMT Ash	20	92 / 115	800 - 3000
TMT Iroko	19	92 / 120	800 - 3000
KD Ayous	16 / 18 / 20	92 / 120	800 - 4000

Atölye A Architecture
Cornelia Diamond Golf Resort SPA
Nova-Iroko Decking / Cladding

WINDOW SCANTLING

Novawood produces window scantling profiles with its high technology infrastructure and special wood classification. Our difference comes from the fact that the scantling profiles are obtained from novathermowood treated woods.

They can be produced as fingerjointed layers as well as solid layers. The scantling profiles produced with finger jointed and 3 layers have been transformed into a product with minimized working tendency (twisting, bending) and providing the highest level of stability due to the thermowood process.



According to the international product specifications in window scantling sector, there are 3 types of productions that Novawood offers.

- DKD:** Outer layers Solid, middle layer Fingerjointed
- DKK:** One side Solid, middle and bottom layers Fingerjointed
- KKK:** All layers Fingerjointed

Wood Specie	Thickness (mm)	Width (mm)	Length (mm)
TMT Pine	54 / 75	86 / 110	1000 - 5100
TMT Ash	60 / 75	86 / 110	800 - 3000

DOOR COVERING

The wood of the doors used in outdoors must also be resistant to the outdoor conditions. Meanwhile, novathermowood door materials with thermowood treatment and increased stability come into prominence.

Novawood supplies raw materials for solid doors as well as offering novathermowood products in different thicknesses for surface coating of the steel doors.



Wood Specie	Thickness (mm)	Width (mm)	Length (mm)
TMT Ash (D/S)	8 / 10 / 20	92 / 112 / 130	800 - 3000
TMT Pine	16 / 19	92 / 118 / 140	1000 - 5100
TMT Ayous	8 / 10 / 18	92 / 140	800 - 4000
TMT Iroko	8 / 10 / 19	92 / 120	800 - 3000

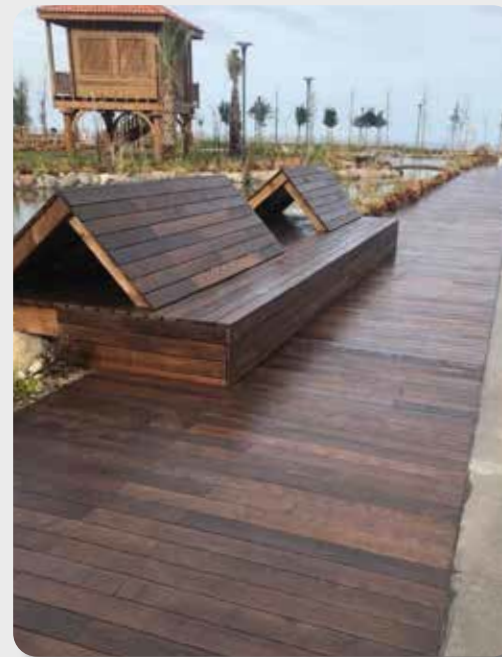
URBAN FURNITURES



We go one step further in the landscape and combine the green areas with the warmth and naturalness of the wood.



On Tasarım



Ptm Peyzaj

The use of Novathermowood in the production of benches, seating areas and urban furnitures for park and garden areas provides an extra durability. In addition, we provide all the necessary support for your special designs needed in the green areas. With Novathermowood product selections, it becomes possible to soften the outdoor decorations and increase their durability by ensuring the integrity between the green and the wood.



Caps Office



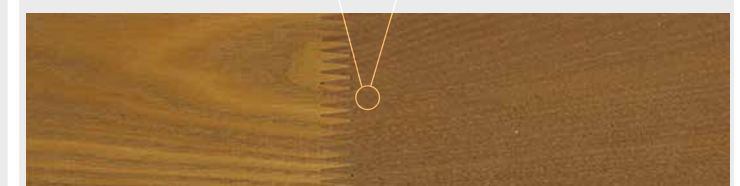
LAMINATION

Nova-laminated products enable to achieve desired dimensions for applications that require larger sizes of wood such as under-construction, pergola, door and window scantlings, and hand rail. Novawood laminated boards are bonded together with MUF (Melamine Urea Formaldehyde) glue, which is an enduring glue type for the outdoor weather conditions. Enjoy the privilege of eaching dimensions that are not possible to reach in traditional wood applications through the lamination process



FINGER JOINT

Finger-joint materials are produced in our production lines reserved only for this process. The teeth opened on the heads of the wood with special profile blades are combined with MUF (Melamine-Urea Formaldehyde) adhesives suitable for outdoor usage. As a result of this process, we receive longer and fixed-length products. You will be amazed by the visual feast consisting of the combination of the short pieces of 20 cm and 100 cm with MUF glue. Products with finger joints can be easily used in sunshades, claddings, carcasses, and pergolas



Private Residence / Cyprus
Nova-Ash F/J Lamine Sunshade
Nova-Iroko Decking

NATURAL-AGING



For those who are looking to get a vintage natural look at their spaces, the wood can naturally age by turning gray after being exposed to sunlight normally. When our wood is not regularly maintained, it will still preserve its beauty by providing a unique rustic look.



Natural-aging displays are everlasting, which are suitable for both traditional and modern designs, and create a noble appearance without any chemical performance application.



ANB Architecture / Studio Bems
Bodrum Kalesi ve Sualtı Arkeoloji Müzesi
Nova-Ash Decking



NOVATHERMOWOOD-LUMBER

Novawood carefully purchases selected raw materials while producing it's products. In order to meet customer's demand for timber, we are also providing our carefully selected raw materials in the form of timber. Our timber stocks consisting of the hard and soft trees grown in North America, Africa and the Baltic countries are all available.



Wood Specie	Thickness (mm)	Width (mm)	Length (mm)
TMT Pine	19	100	2400 - 5100
TMT Pine	25	100 / 125 / 150	2400 - 5100
TMT Pine	32	100 / 125 / 150	2400 - 5100
TMT Pine	50	100 / 125 / 150	2400 - 5100
TMT Iroko	25 / 50	100	1000 - 3000
TMT Iroko	26	130	1000 - 3000
TMT Iroko	33	100 / 130	1000 - 3000
TMT Ayous	25 / 33 / 50	100 / 150	2100 - 4500
TMT Ash	26	102 / 127 / 152 / 178 / 203	1200 - 3600
TMT Ash	32	102 / 127 / 152 / 178 / 203	1200 - 3600
TMT Ash	38	152 / 178	1200 - 3600
TMT Ash	52	102 / 152	1200 - 3600
TMT Tulipwood	26 / 32 / 52	152 / 178	2400 - 4500

- AFGHANISTAN

• ALBANIA

• ANTARTICA

• AUSTRALIA

• AUSTRIA

• AZERBAIJAN

• BAHRAIN

• BELGIUM

• BOSNIA AND HERZEGOVINA

• BULGARIA

• CANADA

• CHINA

• COLOMBIA

• CROATIA

• CYPRUS

• CZECH REPUBLIC

• DEMOCRATIC REPUBLIC OF THE CONGO

• DENMARK

• DJIBOUTI

• EGYPT

• ESTONIA

• FINLAND

• FRANCE

• GEORGIA

• GERMANY

• GHANA

• GREECE

• HONG KONG

• HUNGARY

• INDIA

• IRAN

• IRAQ

• ISRAEL

• ITALY

• JAPAN

• JORDAN

• KAZAKHSTAN

• KOSOVO

• KUWAIT

• LEBANON

• LIBYA

• LIECHTENSTEIN

• LITHUANIA

• MACADONIA

• MALTA

• MEXICO

• MOLDOVA

• MONTENEGRO

• MOROCCO

• NETHERLANDS

• NEW ZEALAND

• NORWAY

• OMAN

• PAKISTAN

• PALESTINE

• PHILIPPINES

• POLAND

• PORTUGAL

• QATAR

• ROMANIA

• RUSSIA

• SAUDI ARABIA

• SERBIA

• SINGAPORE

• SLOVAKIA

• SOUTH AFRICA

• SOUTH KOREA

• SPAIN

• SWEDEN

• SWITZERLAND

• TAJIKISTAN

• THAILAND

• UAE

• UGANDA

• UKRAINE

• UNITED KINGDOM

• USA

• UZBEKISTAN

• VIETNAM





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