



PRODUCT
CATALOG

WOOD.
REFINED.
REDEFINED.





**WOOD.
REFINED.
REDEFINED.**

Adding life to places, and value to life

Tantimber is dedicated to enriching your living spaces and enhancing your quality of life through the transformation of the world's most precious timbers into unique and enduring products.

Wood, a living material with its intrinsic vitality, finds its guardian in Tantimber. Through innovative production techniques, Tantimber revives wood, ensuring it reaches its healthiest and most durable form.

As a natural and organic construction material, wood gains strength and beauty under Tantimber's care, promising to grace your spaces for many years to come. The environmentally friendly production methods employed by Tantimber make wooden products resilient against harsh climates and physical wear.







INDEX

8	ABOUT US
10	PRODUCTION PRINCIPLES
12	THERMOWOOD PROCESS
14	BIOLOGICAL DURABILITY
18-27	TMT DECKING
30-43	TMT CLADDING
44	STRIP PANEL CLADDING
46	TANTAK CLIPS
48	TENI CLIPS
50	SIDE CLIPS
52	UNDERCONSTRUCTION
54	LAMINATION & FINGERJOINT
56	PEDESTAL SYSTEM
58	PRE-AGED SURFACES
60	SHADOW (CHARRED) SURFACE
62	BRUSHED SURFACE
64	OILED SURFACE
68	END-MATCHING
70	MAINTENANCE
72	ENGINEERED FLOORING
74	SOLID FLOORING
76	LUMBER
78	IMPERIAL MEASUREMENTS



Products

Clips

Surface

Flooring



ABOUT US

Wood is the part of the earth. It completely dissolves in nature and joins in the organic lifecycle without harming the environment. Therefore, the wood that is derived from sustainable forests is one of the most eco-friendly construction materials.

Wood is a renewable resource from the nature. Tantimber, with its innovative production approach, is using the latest Thermowood® Technology to refine and redefine the wood to its most stable and durable form.

Tantimber proudly leads as a Thermowood manufacturer, producing Thermally Modified Timber (TMT) in accordance with International Thermowood Association standards. Situated in Gumusova Industrial Zone, Duzce, Turkey on 27.000 sqm's (290.500 sqft) area, Tantimber's products adhere to European norms (CEN/TS 15679), EN 350-2 and EN 335 and source raw materials sustainably, with an annual production capacity of 23.000 m³ Thermowood Lumber and 800,000 m² (8.6 million sqft) of Thermowood® decking and cladding materials. With the updated infrastructure and it's manufacturing principles according to European Norms CEN/TS 15679, Tantimber provides high valued and durable outdoor products. Aiming the best service to it's clients with specialists in their field.

Through an ecological process, Tantimber breathes new life into wood, crafting durable and enduring products. The physical texture, high aesthetic value, superior dimensional stability, and eco-friendly production methods breathe life into living spaces, transforming them into sustainable, stable, and aesthetically pleasing environments with Tantimber's offerings.



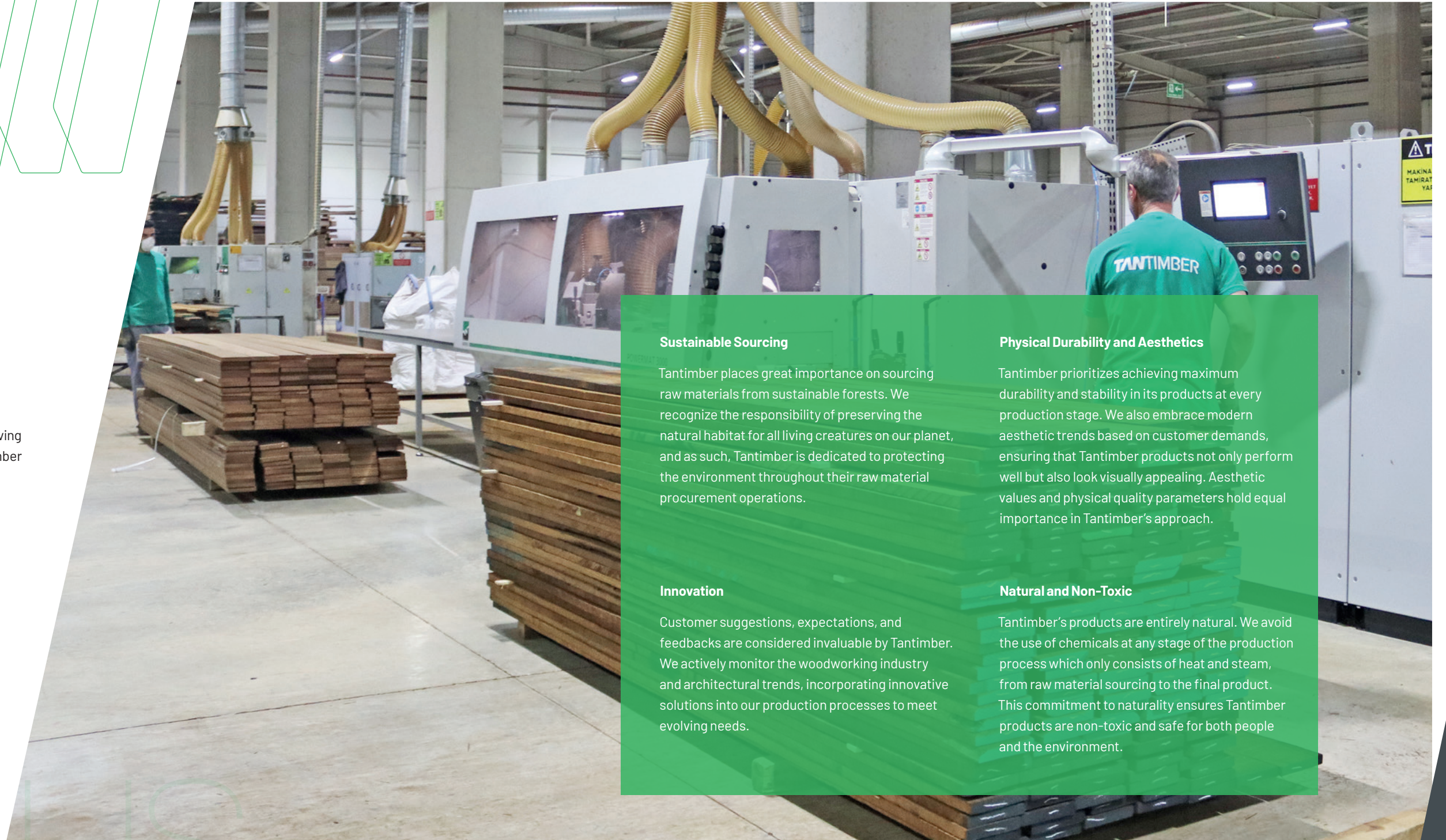
ABOUT US

PRODUCTION PRINCIPLES

Tantimber, understands the importance of enhancing wood's durability while preserving environmental sensitivity. Through the robust material modification process, Tantimber transforms wood into a sustainable and eco-friendly option. Tantimber products are crafted from solid wood, ensuring that wood remains an environmentally conscious choice even after completing its extended life cycle.

One of the key advantages of Tantimber's approach is its commitment to zero waste and the absence of harmful materials. Unlike environmentally damaging petroleum-based wood imitations and hybrid products, Tantimber offers a healthy and conscientious alternative that aligns with sustainable practices and ecological balance.

Tantimber adheres to a set of production principles that underscore their commitment to quality, sustainability, innovation, and environmental responsibility.



Sustainable Sourcing

Tantimber places great importance on sourcing raw materials from sustainable forests. We recognize the responsibility of preserving the natural habitat for all living creatures on our planet, and as such, Tantimber is dedicated to protecting the environment throughout their raw material procurement operations.

Innovation

Customer suggestions, expectations, and feedbacks are considered invaluable by Tantimber. We actively monitor the woodworking industry and architectural trends, incorporating innovative solutions into our production processes to meet evolving needs.

Physical Durability and Aesthetics

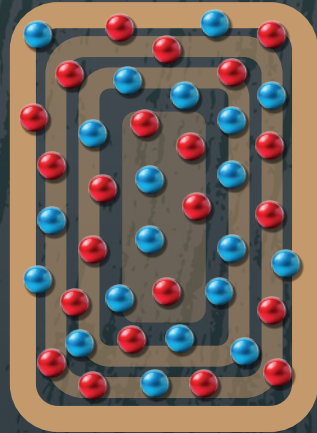
Tantimber prioritizes achieving maximum durability and stability in its products at every production stage. We also embrace modern aesthetic trends based on customer demands, ensuring that Tantimber products not only perform well but also look visually appealing. Aesthetic values and physical quality parameters hold equal importance in Tantimber's approach.

Natural and Non-Toxic

Tantimber's products are entirely natural. We avoid the use of chemicals at any stage of the production process which only consists of heat and steam, from raw material sourcing to the final product. This commitment to naturality ensures Tantimber products are non-toxic and safe for both people and the environment.

Wood Before Drying

The wood contains H₂O and H-Hydroxyl groups by its nature.

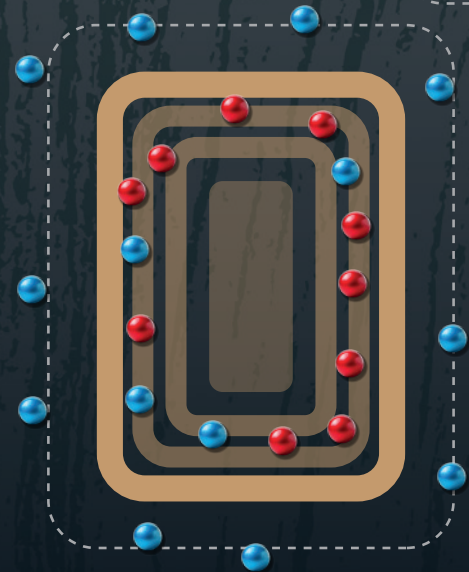


Hydroxyl Groups



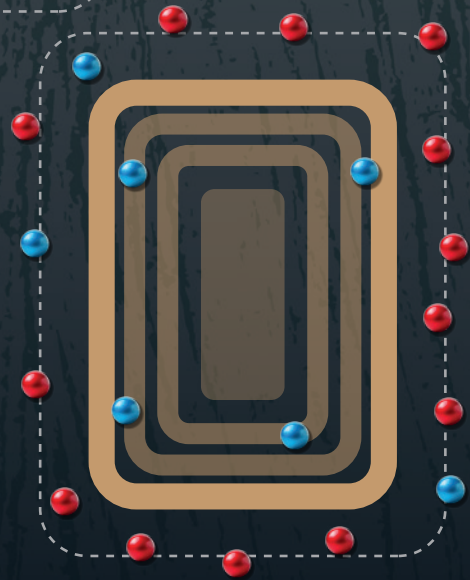
Thermo Wood

Tantimber is a member of International Thermowood® Association.



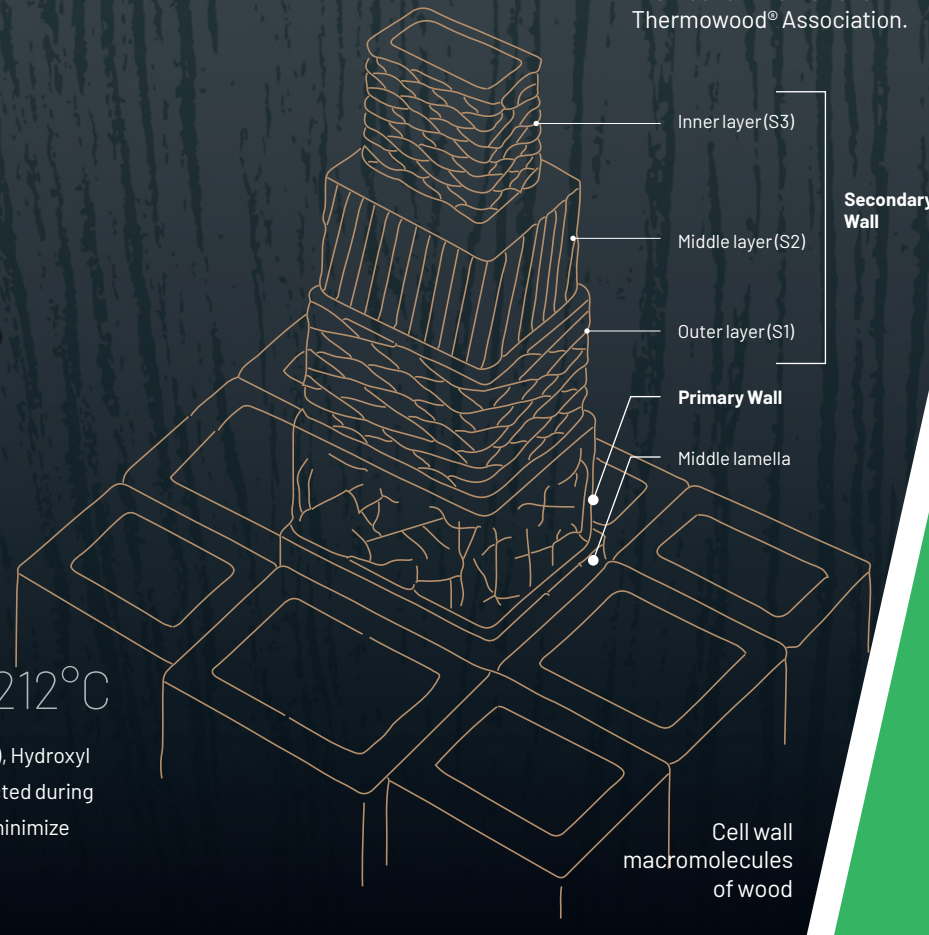
Conventional Drying

Conventional Drying technic with an average processing temperature of 56°C (133°F) removes the free waters (H₂O) out of the wood cell with a moisture content of 10-18%.



Thermowood® Process 180-212°C

During the Thermowood® Process of 180-212°C (374-414°F), Hydroxyl groups are taken out of the wood and only H₂O is being injected during the process. This prevents the moisture exchange and minimize swelling and shrinking behaviours of the wood.



THERMOWOOD® PROCESS

TMT (Thermally Modified Timber)

Thermowood® - Thermally Modified Timber (TMT) is the process of dehumidification and minimizing deformation behavior by increasing the internal temperature of the wood above 200°C. As a result of the decomposition of relative humidity in the wood, the products become permanently resistant to fungi and decay, offer a long term performance by its increased durability and high dimensional stability. Thermowood® products have high biological durability to wood destroying fungi and decay, and have a high dimensional stability which is limiting bending, and contracting of wood at outdoor applications.

By decomposing the relative humidity in the wood, Thermowood® products become more durable to humidity, more resistant to decay and external weather conditions. Tantimber applies the advanced processing steps in the thermal modification process and in all stages of the manufacturing phase, which are defined as high-quality standards. Tantimber products are produced according to European technical norms (CEN/TS 15679), and they take part in the first and second class in terms of durability classes (EN 350-2, EN 335). Tantimber's Thermowood® process is a natural process in which no chemical substances are used at any stage. Tantimber products are completely eco-friendly, non-toxic and recyclable.

DURABILITY LEVEL	CLASS 1 VERY DURABLE	CLASS 2 DURABLE	CLASS 3 MODERATELY DURABLE	CLASS 4 SLIGHTLY DURABLE	CLASS 5 NOT DURABLE
TIME PERIOD	25 Years +	15 to 25 Years	10 to 15 Years	5 to 10 Years	Less than 5 years
WOOD SPECIES	Thermowood® Ash	Thermowood® Pine	White Oak	Frake	Aspen
	Thermowood® Iroko	Thermowood® Poplar	Plantation Teak	Red Oak	Ash
	Thermowood® Oak	Bangkirai	Fir	Hickory	Birch
	Teak	Thermowood® Ayous	Siberian Larch	Spruce	Poplar
		Merbau	Movingue	Tulipwood	Radiata Pine
DESCRIPTION	Outdoor	Outdoor	Outdoor	Indoor	Indoor
	Ground Contact	Without Ground Contact	Without Ground Contact	Without Ground Contact	Dry
	Non Protected	Non Protected	Protected	Dry	
	Always Wet	Frequently Wet	Rarely Wet		

BIOLOGICAL DURABILITY

Biological Durability

The high-temperature treatment applied during the Thermowood® process results in Tantomber products having enhanced properties, particularly in terms of biological durability. The process effectively reduces the moisture content within the wood to 4-7%. This low moisture level makes Tantomber products highly resistant to attacks by wood-decay organisms such as fungi, and other pests. This enhanced biological durability is a critical feature for products exposed to outdoor and harsh conditions.

Tantomber Thermowood® Products are classified into Durability Class-1 and Durability Class-2, depending on the wood species, in accordance with European Norms CEN/TS 15679, EN 335 and EN 350-2. These classifications underscore Tantomber products’ resilience and ability to withstand the challenges posed by various environmental factors.

Tantomber products have an extended lifespan, with durability increased to a minimum of 25 years. This longevity makes Tantomber products an ideal choice for demanding applications in harsh conditions and diverse weather conditions. The resistance to deterioration ensures that Tantomber products maintain their quality over time, reducing the need for frequent replacements.





Tantimber decking products have a wide range with thickness, width and profile options. Tantimber Thermowood® decking products are carefully selected from different wood species and are obtained from sustainable resources. With the belief that, the right product is being produced with the right raw material, Tantimber offers classy, high quality decking products with different wood species such as; American White Ash, Scotts Pine and Iroko originating from sustainable forests.

Tantimber decking products are modern, long-lasting, non-toxic, dimensional stable and functional building solutions addressing different architectural aesthetics. Tantimber Decking products for; terraces, backyards, porch floorings, landscaping areas, gardens, urban areas, swimming pool decking areas are offered with many variations of surface treatments such as pre-aging, wire brushed surfaces, ready 6-side oiled products –ready to install; and as well with it's alternatives of clipping systems and end-matching solutions.

PRODUCTS

TMT DECKING

Ash Decking

Pine Decking

Iroko Decking

PRODUCTS

TMT DECKING

Ash Decking

Origin North America

Botanical Name Fraxinus Americana

Biological Life Minimum 25 years

Durability Class 1

Tantimber Thermowood® Ash Decking products, raw materials sourced from sustainable forests in Northern America, offer versatility and performance for various outdoor applications. Tantimber Thermowood® Ash Decking products offer a combination of customization, durability, and ease of installation. Whether used in public spaces, commercial settings, or residential landscapes, these decking products are designed to withstand the test of time and provide a visually appealing, long-lasting outdoor solution.

With its provocative Brown colour and beautiful grain structure obtained directly from the nature, Thermowood® Ash Deckings are becoming the best option for nature lovers dreaming about a long lasting performance for their decking areas.

Tantimber Thermowood® Ash Deckings offer many benefits with the ease of installation provided with Tantimber's hidden fastener and End-matching Solutions.

Thermowood® Ash is placed in the Durability Class-1 according to European Technical Norms and provides a minimum biological durability of 25 years according to CEN/TS 15679, EN 350-2 and EN 335.



PRODUCTS

TMT DECKING

Pine Decking

Origin Finland

Botanical Name Pinus Sylvestris

Biological Life 15-25 years

Durability Class 2

Tantimber Thermowood Pine Decking, crafted from Scandinavian Pine (Scots Pine / Pinus Sylvestris), is an excellent choice for those who appreciate the natural beauty of wood with its distinctive knotty structure. The raw materials for Tantimber Pine decking are sourced from Scandinavian well managed forestries, known for its quality and distinctive appearance. The natural knotty structure adds character and charm to outdoor spaces.

Thermowood® Pine Decking is versatile and can be used in various applications, from creating decks and pergolas. Its adaptability makes it suitable for a range of outdoor projects.

Thermowood® Pine decking products offer multiple thickness and width options, allowing for customization to meet specific design and project requirements.

Tantimber Thermowood® Pine Deckings are classified in Durability Class 2 according to European Technical norms CEN/TS 15679, EN 350-2 and EN 335. This classification indicates good durability, and the decking is expected to provide 15-25 years of service life, making it a reliable choice for outdoor use.



PRODUCTS

TMT DECKING

Iroko Decking

Origin Cameroon

Botanical Name Milicia Excelsa (Chlorophora Excelsa)

Biological Life Minimum 25 years

Durability Class 1

Tantimber Thermowood® Iroko Deckings are classified in Durability Class-1 according to European Technical Norms CEN/TS 15679, EN 350-2 and EN 335. This classification reflects the highest level of durability, indicating that the decking can withstand challenging outdoor conditions with ease. Thermowood® Iroko deckings are produced using the finest quality raw materials, carefully selected to ensure optimal quality and performance. This commitment to sourcing high-quality materials contributes to the decking's longevity.

Tantimber Thermowood® Iroko Decking products excel even in the most demanding climatic conditions. Their durability and resistance make them suitable for a wide range of applications, including areas with harsh weather patterns.

Thermowood® Iroko decking products come in various measurements, making them suitable for a wide range of applications, from residential decks to commercial and public spaces.

Tantimber Iroko Deckings offer a minimum durability of 25 years, providing long-lasting performance and reducing the need for frequent maintenance or replacement.

The Thermowood® process helps achieving a consistent and homogeneous color throughout the boards. This results in a more aesthetically pleasing appearance and a uniform look, which is desirable in various applications.

Conventional Iroko wood, like many natural woods, can be susceptible to changes in dimension due to fluctuations in moisture and temperature. The thermal modification process significantly increases the wood's dimensional stability, reducing the extent to which it expands and contracts in response to environmental conditions.

This stability is especially important in outdoor applications where weather exposure can be extreme.

The Thermowood® process prevents the development of black spots on the wood's surface during aging, which can be a common issue with untreated Iroko wood. Thermowood® Iroko Products are aging by turning its colour to a beautiful silver patina with no additional maintenance.

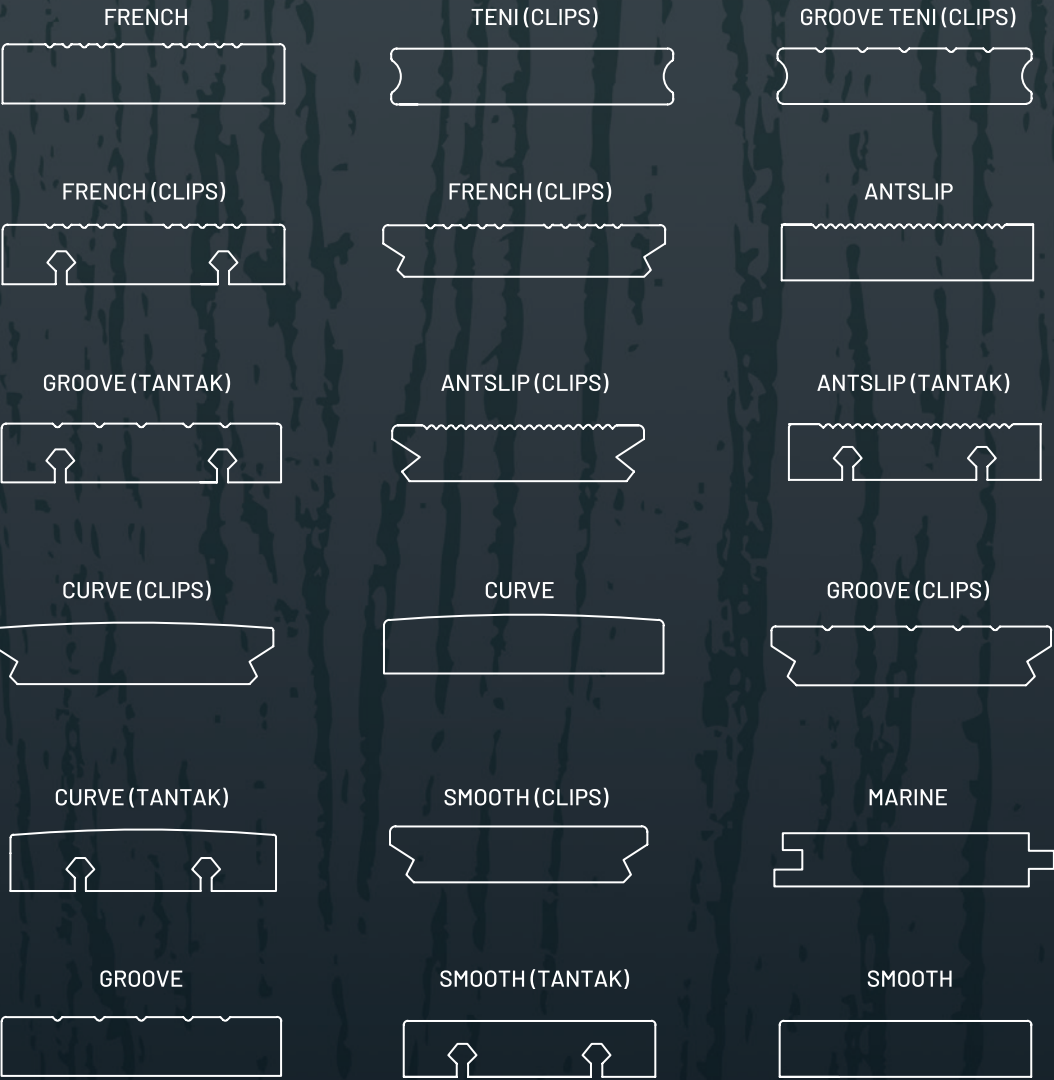
PRODUCTS
PROFILES & DIMENSIONS

Decking Dimensions

SPECIE	THICKNESS(mm)	WIDTH(mm)	LENGTH(mm)
Ash	21	90/115/130/150/160	1000-3000
	25	125/130/150/160	
	42	130/140/150/200	
Iroko	20/25	90/120	1000-3000
	40	90/120	
Pine	26	92/117/140	1200-5100
	42	92/140	
Teak	10/18/24	50/75/95/125	900-1700 / 1800-2400

Please refer to the chart at the end of the catalog for imperial measurements

Decking Profiles







Wood claddings have stood the test of time in architectural history. Its enduring popularity reflects the ability to remain relevant and attractive, making wood claddings a timeless choice for building exteriors. Wood's natural presence fosters a connection with nature, contributing to the biophilic design principle that emphasizes the positive impact of nature on human well-being. Wood claddings can provide natural insulation properties. Using wood claddings help regulate indoor temperatures by reducing heat transfer, which can contribute to energy efficiency and lower heating and cooling costs.

Tantimber's cladding products are thermally modified (TMT), making them highly durable and suitable for outdoor weather conditions. The Thermowood® process enhances the resistance to environmental stressors of Tantimber Cladding products.

Tantimber Thermowood® Claddings are manufactured from a variety of wood species, including Ash, Pine, Oak, Tulipwood, Ayous, and Iroko. This selection allows for diversity in appearance and performance, catering to different project needs.

Tantimber offers a range of profiles, dimensions, and special cladding profiles with varying thicknesses. This diversity provides flexibility for both horizontal and vertical cladding applications, accommodating a wide array of design concepts whether a closed cladding with Tongue and Groove or a cladding with an invisible fixing is used.

Tantimber offers a comprehensive range of products for cladding applications, including underconstruction products, invisible fasteners, stainless steel screws, and various oils required for cladding installation. This one-stop solution simplifies the cladding process for our customers.

PRODUCTS

TMT CLADDING

Ash Cladding

Pine Cladding

Ayous Cladding

Iroko Cladding

Poplar Cladding

PRODUCTS

TMT CLADDING

Ash Cladding

Origin North America

Botanical Name Fraxinus Americana

Biological Life Minimum 25 years

Durability Class 1

Tantimber Thermowood® Ash products offer exceptional quality and durability, making them a preferred choice for various applications, especially cladding. Tantimber Thermowood® Ash products combine the natural beauty of ash wood with the benefits of thermal modification, resulting in a high-quality and long-lasting material. Whether used in cladding or other applications like soffits, fencing or screen shutters, Tantimber Claddings offer a durable and visually appealing solution for both residential and commercial projects.

Thermowood® Ash Cladding products offer a clean and visually appealing surface, enhancing the overall aesthetics of the application.

Tantimber Ash Claddings are known for its distinctive color and grain structure, which adds a unique and attractive visual element to any project. The Thermowood® process further enhances its durability and dimensional stability while maintaining its natural beauty.

Tantimber Thermowood® Ash is classified in Durability Class 1 according to European Technical Norms CEN/TS 15679, EN 350-2 and EN 335. This classification reflects the highest level of durability, indicating its ability to withstand outdoor conditions and resist biological decay.

Depending on climatic conditions and proper installation techniques, Tantimber Thermowood® Ash products can have a service life of up to 60 years. This longevity make Tantimber Thermowood® Ash Claddings a cost-effective and sustainable choice.

The Thermowood® process not only improves the durability of the wood but also enhances its dimensional stability and resistance to moisture, making it ideal for cladding applications where exposure to the elements is common.

Tantimber Thermowood® Ash Claddings can be used in a variety of applications, including horizontal and vertical installations, louvers, screen shutters and more. Its versatility allows it to complement different architectural styles and design concepts.

PRODUCTS

TMT CLADDING

Pine Cladding

Origin Finland

Botanical Name Pinus Sylvestris

Biological Life Minimum 15-25 years

Durability Class 2

Tantimber Pine Products, sourced from Scandinavian forests and treated through the Thermowood® process, offer a versatile and reliable wood option for various applications, including cladding. It offers an economical and durable solution for cladding applications, providing not only visual appeal but also long-lasting performance in various environmental conditions.

Tantimber Pine Cladding features a wing-knot structure, which adds character and visual interest to buildings. This distinctive grain pattern enhances the aesthetics of the cladding.

Through the Thermowood® process, Tantimber Pine Claddings become free of resins. This is advantageous as it minimizes the risk of resin bleed and ensures a clean and consistent appearance over time.

The thermal modification process significantly improves the dimensional stability of Pine. This means that Tantimber Pine Cladding is less prone to swelling, warping, or shrinking when exposed to varying moisture levels and temperature fluctuations.

Pine is often considered an economical choice compared to some other wood species. Tantimber Thermowood® Pine claddings provide a cost-effective solution without compromising on quality or durability.

Tantimber Pine Cladding can be used in a wide range of architectural styles and projects. Its adaptability makes it suitable for both residential and commercial applications.

Tantimber Pine claddings can be used both for vertical and horizontal applications with options as a closed – Tongue and Groove and open installation – Clipping methods.



PRODUCTS

TMT CLADDING

Ayous Cladding

Origin Cameroon

Botanical Name Triplochiton Scleroxylon

Biological Life 15-25 years

Durability Class 2

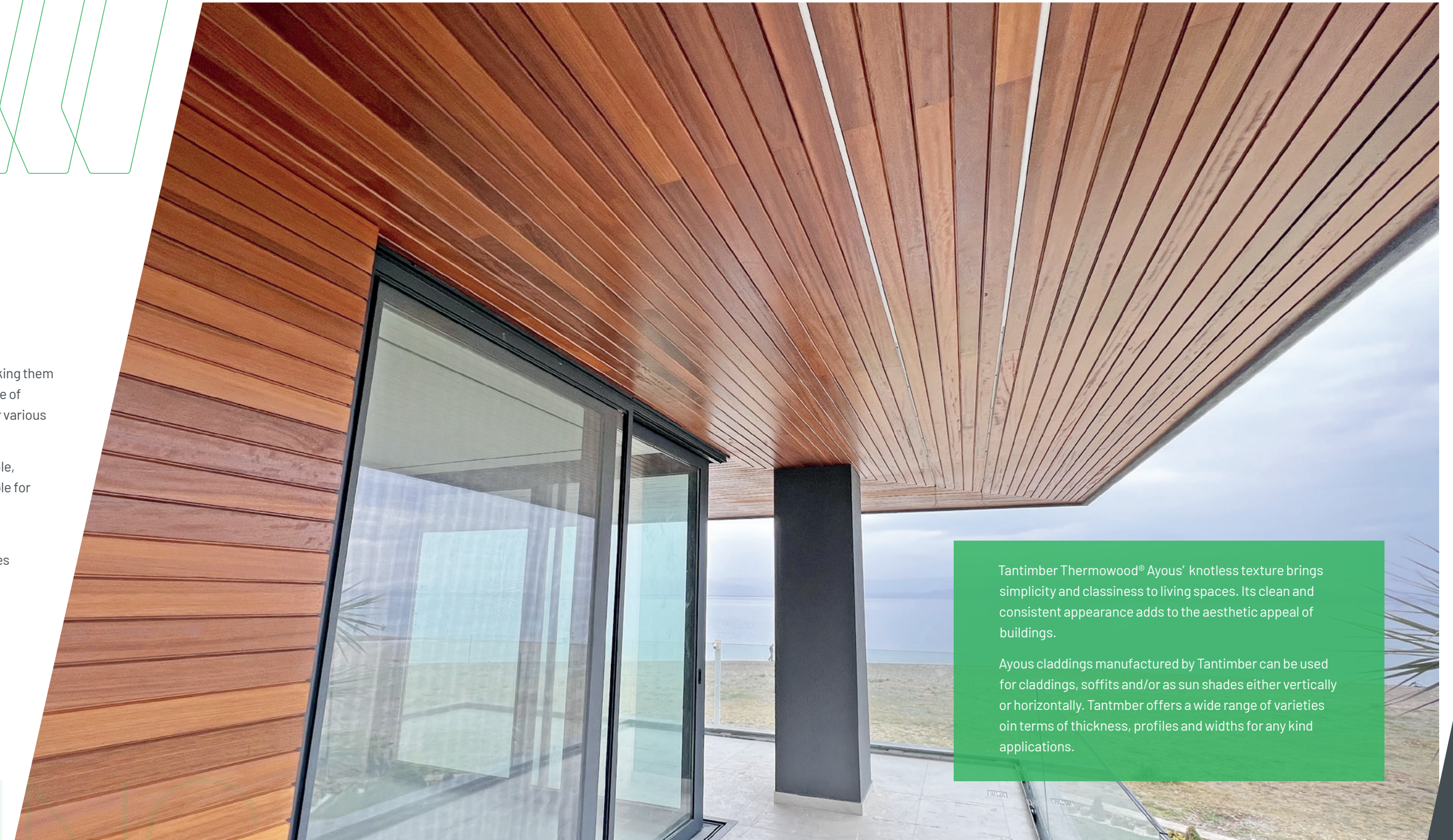
Tantimber Ayous Claddings offer a blend of simplicity, durability, and elegance, making them an excellent choice for outdoor cladding applications. The enhanced durability, ease of installation, and knotless texture make Thermowood® Ayous Claddings suitable for various architectural projects, enhancing the overall aesthetics and longevity of buildings.

The thermal modification process enhances Ayous wood, resulting in a plain, durable, and elegant texture. This process improves the wood's properties, making it suitable for outdoor use.

The wood specie Ayous is known for its easy processable structure and lightness, making it a preferred choice for cladding applications. Its ease of handling simplifies the installation process.

Thermowood® Ayous claddings share a similar color and structure with Tantimber Iroko deckings. This makes them a perfect match for projects where visual consistency is desired across different applications.

Tantimber Thermowood® Ayous claddings, thanks to their low moisture exchange, offer maximum durability even in severe climate conditions. Tantimber Ayous claddings can withstand outdoor exposure and resist weathering, ensuring a long service life.



Tantimber Thermowood® Ayous' knotless texture brings simplicity and classiness to living spaces. Its clean and consistent appearance adds to the aesthetic appeal of buildings.

Ayous claddings manufactured by Tantimber can be used for claddings, soffits and/or as sun shades either vertically or horizontally. Tantimber offers a wide range of varieties in terms of thickness, profiles and widths for any kind applications.

PRODUCTS

TMT CLADDING

Iroko Cladding

Origin Cameroon

Botanical Name Milicia Excelsa (Chlorophora Excelsa)

Biological Life Minimum 25 years

Durability Class 1

Tantimber Thermowood® Iroko Claddings offer a combination of beauty and durability, making them an excellent choice for outdoor applications. Tantimber Thermowood® Iroko Claddings offer an appealing blend of aesthetics and strength for outdoor purposes. The Thermowood® process enhances the wood's properties, resulting in a visually pleasing and long-lasting cladding material that can enhance the beauty and durability of various architectural projects.

Through the Thermowood® process, Tantimber Iroko Claddings exhibit excellent dimensional stability. This means that the wood is less susceptible to changes in size and shape due to moisture and temperature variations, minimizing natural behaviors like warping or shrinking.

The Thermowood® process also homogenizes the color of the wood Iroko. This eliminates extreme color differences and ensures a consistent and visually appealing appearance throughout the cladding, enhancing the overall aesthetic integrity.

Tantimber Thermowood® Iroko Cladding is positioned as a viable alternative to Teak wood. It offers an even level of visibility and durability, a higher dimensional stability while being a sustainable and cost-effective choice.

Iroko is known for its beautiful color and structural visual properties. Tantimber Thermowood® Iroko Claddings maintain these natural qualities while enhancing them through the thermal modification process.

Tantimber Iroko Claddings are designed to withstand the rigors of outdoor environments. Their durability and resistance to weathering, increased dimensional stability make Tantimber Iroko Claddings suitable for a wide range of outdoor applications.



PRODUCTS

TMT CLADDING

Poplar Cladding (Tulipwood)

Origin North America

Botanical Name Liriodendron Tulipifera

Biological Life 15-25 years

Durability Class 2

Tantimber Thermowood® Poplar Cladding offers a unique blend of aesthetics, durability, and ease of application. Tantimber Thermowood® Poplar Cladding provides a visually appealing and durable solution for those seeking the aesthetics of Poplar specie in their cladding projects. Its lightweight nature and unique texture pattern contribute to its suitability for various architectural applications, offering both ease of installation and long-term performance.

Tantimber Poplar Cladding features a distinctive texture pattern that enhances the visual appeal of wooden lines. This pattern adds a unique and attractive character to cladding applications.

Through the Thermowood® process, Tantimber Poplar Cladding achieves a reinforced construction, enhancing its durability. This ensures that the cladding can withstand outdoor conditions and resist wear and tear over time.

Despite being categorized as hardwood, the specie Poplar is known for its lightweight structure. Tantimber Thermowood® Poplar products maintain this characteristic, making them easy to handle and install during cladding applications.

Tantimber Thermowood® Poplar Cladding offers long-lasting performance in cladding applications. Its durability ensures that it can endure exposure to the elements and provide a reliable solution for buildings.

The lightweight nature of Poplar wood simplifies the installation process. It reduces the effort and time required for cladding applications, making it a convenient choice for builders and contractors.

Tantimber Poplar claddings are offered in various thicknesses, widths and length specifications as well with a wide range of possible profile options to serve the needs of each single architectural design.

PRODUCTS
PROFILES & DIMENSIONS

Cladding Dimensions

PROFILE	SPECIE	THICKNESS (mm)	WIDTH (mm)	LENGTH (mm)
Standart	Ash	20 / 25	90 / 115 / 130 / 140 / 150 / 180	1500-4200
Aura / Nora		25	130 / 140	
Rombus / Tantak		20 / 25 / 40	40 / 52 / 60 / 90 / 115 / 130 / 140	
Standart	Iroko	40	40 / 52 / 60 / 90 / 115 / 130 / 140	1000-3000
Standart		20 / 25	90 / 120	
Standart		20 / 25 / 40	90 / 135	
Aura / Nora	Ayous	25	130 / 140	1500-4200
Standart		19	92 / 117 / 140	
Aura	Pine	26	140	1800-5400
Rombus/Tantak		19 / 26 / 42	40 / 52 / 60 / 90 / 115 / 130 / 140	
Standart	Poplar	20	130 / 140 / 150	1800-4500

Please refer to the chart at the end of the catalog for imperial measurements

Cladding Profiles



PRODUCTS

STRIP PANEL CLADDING



Wide and long cladding boards!

The name STRIP is originating from many wood strips glued together to form the cladding panels. The single strips which are fingerjointed and are laminated afterwards, build up a strong cladding board which gives a great choice for customers asking for wider planks. With Tantimber Strip Panels a rift cut structure is being created which disables the bending and swelling of the individual strips forming up the Strip Panels and up to 5,00 m (17 ft) long boards enable a deduction of costs during installation.

Tantimber Strip panels offer, easy and fast installation, up to 240 mm (9,45 inches) board widths for outdoor use which gives the opportunity for designers and home owners creating the structure aimed at the design phase of the project.

You can choose whether to choose a horizontal or vertical application with Strip Panel Cladding boards and whether painting it to the desired color needed or leaving it as it is coming from the nature is being left to the taste of the customer.



PRODUCTS

CLIPS

Tantak Clips by GRAD



The Grad® technology is a clip-on fastening system that has revolutionized the fastening method for interior and exterior construction applications and being supplied by Tantimber.

The Grad Clips eliminates the need for screws while fastening decking and cladding materials. This results in a clean and screw-free surface, enhancing the aesthetics of the construction. No pre-drilling & no screws needed at all!

The Grad-Clips fastening system is reliable and the wood structures can be easily removed when needed. It offers the flexibility to make adjustments or replace materials without the hassle of traditional screw fastenings.

The Grad-Clips system provides a completely invisible fastening solution. It ensures that the fastening elements are not visible on the surface, creating a neat appearance.

The Aluminium rails used with this system come pre-fitted with clips directly from the production. This ensures the perfect alignment of boards on various types of floors, simplifying the installation process.



The Grad-Clips system is compatible with a broad range of materials what Tantimber is providing along with all kind of applications, including all species with wood options and different thicknesses and widths. This versatility allows it to be used for a wide variety of construction projects such as deckings, claddings, louvers, soffits and screen shutters and even for creating patterns!

Due to its easiness of installation of the Grad-Clips on Aluminium rails, the installation costs are being reduced significantly and this makes the Grad-Clips a great choice for all kind of projects.



PRODUCTS

CLIPS

Teni Clips



The advanced side clipping TENI CLIPS has been created by the demands of the markets for a simple way of installation, replacing single boards without removing the whole decking areas. Easy installation with beautiful results. Fast installation without additional installation tools and simple replacement of boards! It's recommended to place the joists 300 mm / 400 mm (16 inches) centers, ensuring stability and support for the decking boards.

Advantages

- No stagnant moisture due to concave wood profile.
- Best constructive wood preservation with 8mm ventilation between support and decking.
- Each decking board allowed to swell/shrink on its own - no chain reaction.
- Absorption of large swelling/shrinking figure.
- No fraction on clipping grooves due to the concave wood profile.
- The TENI® fastening clip for a non-visible fastening consists of a UV and weather resistant POM plastic material, which has been optimized for outdoor use. The corresponding universal screw made of A2 is suitable for both a softwood and hardwood substructure.



CLIPS

PRODUCTS

CLIPS

Side Clips



Tantimber Side Clips are made from polypropylene plastic (PP), which is known for its resistance to environmental conditions.

The side clips is designed to ensure that the spaces between deck applications are adjusted equally, resulting in a neat and uniform installation.

Tantimber Side Clips are suitable for use in all weather conditions. Its durable material helps the clipping withstand the elements, making them a reliable choice for outdoor decking.

Tantimber Side Clips provide an economical solution for decking installations.

The Side Clips are designed to simplify the installation process, saving time and effort. They make it easier to achieve a professional-looking deck quickly.

PRODUCTS
UNDERCONSTRUCTION

Dimensions

SPECIE	THICKNESS (mm)	WIDTH (mm)	LENGTH (mm)
Thermowood® Pine	26	42	1500-4200
	42	42	
	42	68	
Thermowood® Ash - Solid	25	40	1500-3000
Thermowood® Ash - FJ	40	40	1500-4000
	40	65	

Tantimber places a strong emphasis on the importance of selecting the right underconstruction material for ensuring quality and durability in decking and cladding applications. Tantimber considers Thermowood® underconstruction as the fundamental basis for any decking or cladding project. This choice of base material is seen as critical to achieving high-quality and durable results. Tantimber’s underconstruction products are designed to exhibit the same natural behaviors as Thermowood® decking and cladding materials. This means they maintain dimensional stability and resist problems such as bending and swelling, which are common issues in outdoor applications.

Tantimber utilizes Melamine Urea Formaldehyde (MUF) adhesives for it’s laminated and fingerjointed underconstruction products, known for its durability and suitability in woodworking, ensuring that the underconstruction products are built to last. The underconstruction products are offered both in solid and fingerjointed-laminated forms with different sizes providing flexibility in applications.



SOLUTIONS

LAMINATION & FINGERJOINT

Tantimber's fingerjoint process offers a versatile solution for creating long, one-piece products by connecting shorter pieces with glue. This process allows products being supplied with lengths of up to 7.20 meters (24 feet), which can be valuable in various construction and woodworking applications such as pergolas, claddings, underconstructions, window scantlings, posts, non-load bearing wide span applications.

Tantimber offers different thickness options and can provide products in special sizes by laminating solid parts or finger-jointed parts based on customer requirements. This flexibility allows for tailored solutions to suit the unique demands of various applications.

The use of Melamine Urea Formaldehyde (MUF) glue during the gluing process ensures the durability of laminations and fingerjointing, making the products resistant to external weather conditions.

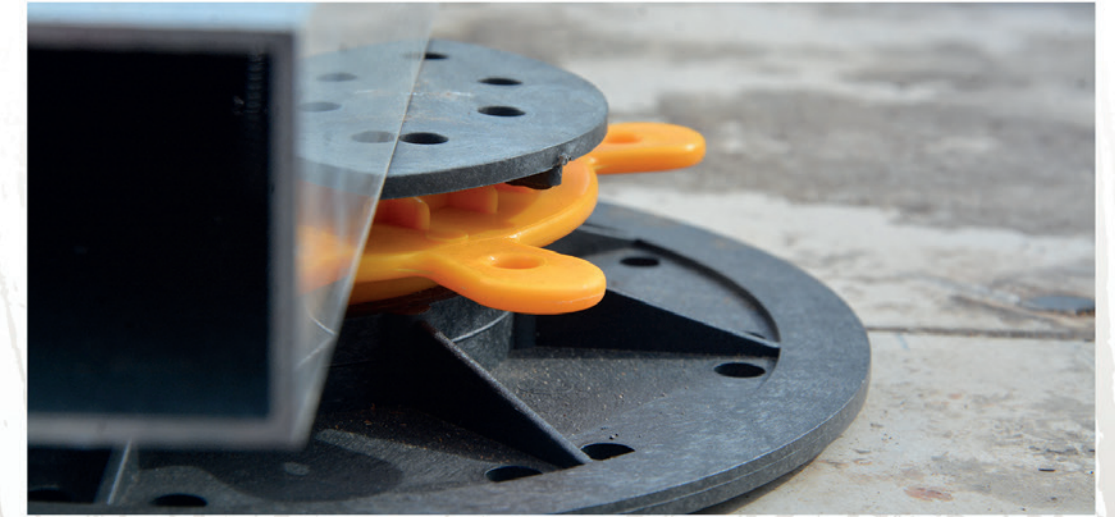


SOLUTIONS

PEDESTAL SYSTEM

Tantimber Pedestal products used to reach a specified final elevation and correct slopes with the ability to make millimetric adjustments. Being UV-resistant, makes the Tantimber Pedestals suitable for both cold and hot conditions, durable, environmentally friendly, and sustainable. The purpose is to eliminate elevation differences during decking applications and create more comfortable spaces. Tantimber Pedestal Systems are used to achieve a floating system which provides sufficient air circulation beneath deckings, in insulated areas and extend the lifespan of wood. Tantimber Pedestal Systems are utilized in various outdoor and indoor spaces, such as landscape areas, terraces, balconies, rooftops and more.

- Prevent wood from coming into contact with water and thus avoid decay.
- Minimize application errors and protect insulation during installation.
- Not to add significant weight to the structure and not to affect its stability.
- Tantimber Pedestals are recyclable and environmentally friendly.
- The products can be disassembled and reused multiple times, providing a sustainable solution.
- It has a high load resistance (min. 900 kgs/pc)
- Due to the constant air intake availability, the life of the decking material extend.



PRODUCTS

SURFACE

Pre-Aged Surfaces

While the trend goes to the direction; more Nature with more natural products, Tantimber products are becoming the main choice with it's natural features for outdoors. Thus value adding on the products becomes a must for Tantimber! With the Innovative, Environmentally Friendly wood protection by Sioo:X a silver grey color for both Deckings and Claddings are being created homogeneously and fast! The wood protection products are water-based and environmentally friendly, with a unique, patent pending formula based on silicon-potassium. The application by Tantimber provides unrivaled long lasting fresh and natural silver grey wooden surfaces.

Advantages

- Up to 12 years durability. (Durability depends on the wood species and exposure)
- Provides a clean and smooth silver-grey wood surface.
- Strengthens the wood surface and protects against damaging UV radiation.
- Long lifespan.
- Homogenously fading on each area with exposure to nature and getting totally silver grey between 5-12 Months



PRODUCTS

SURFACE

Shadow (Charred) Surfaces

Tantimber's called Shadow Surface treatment which reflects Charred Wood Products, inspired by the traditional Japanese technique known as "shou sugi ban," offer a unique and visually striking surface treatment for wood.

Tantimber Shadow Products offer a visually captivating, durable, and safe surface treatment option for cladding applications. Whether used in architectural designs or interior applications, Tantimber Shadow products can add a touch of uniqueness and longevity to wood Cladding projects.

Tantimber Charred Wood Products can be applied on Thermowood® Ash, Pine and Tulipwood products and the visual integrity to nature, wood and architecture combinations is exactly that what is being expected in Today's Home Designs. Shadow wood – Authentic, safe and aesthetic with long lasting colour for many years.



PRODUCTS SURFACE

Brushed Surface

Tantimber's promise to its customers that all the manufacturing processes are being realized under one roof is continuing with the brushing of the surface of Tantimber decking and cladding products.

Brushed surface of deckings and claddings is a versatile and visually appealing option that can be customized to suit various design styles and applications. Whether you want to achieve a rustic, contemporary, or vintage look, brushing can be a valuable technique for enhancing the appearance and texture of wood products.

Enhanced Texture

Brushing affect of Tantimber Thermowood® products create a textured surface that enhances the natural grain and character of the wood. This texture can be visually appealing and tactile, adding depth and interest to the Tantimber products appearance.

Smooth and Splinter-Free

While brushing creates texture, it also smoothen the products surface by removing loose fibers and potential splinters. This makes Tantimber products more comfortable to touch and walk on, making it suitable for cladding and decking applications.

Customizable Finish

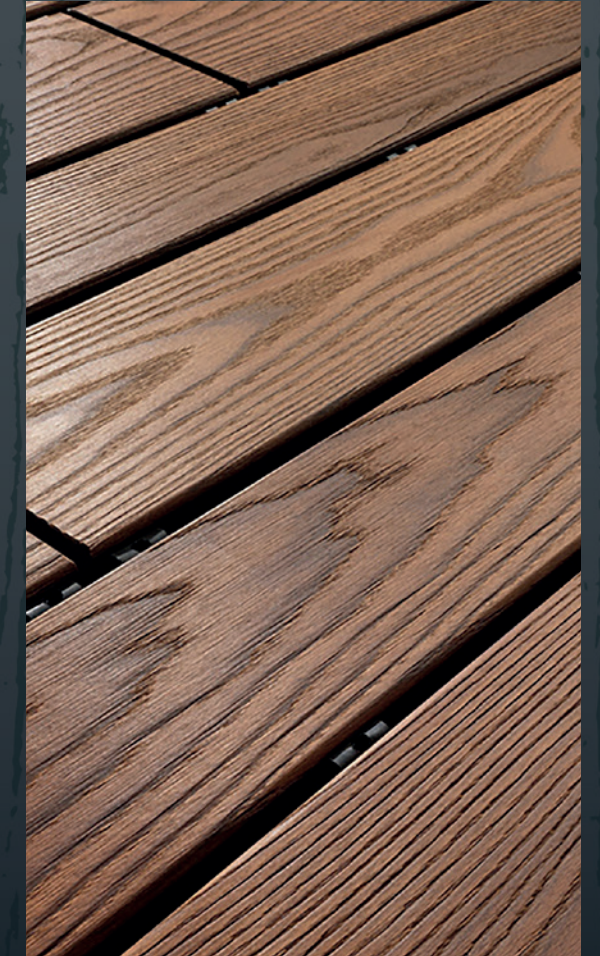
The intensity of brushing can be adjusted by Tantimber professionals according to the demands of customers to achieve the desired level of texture. While some of our products may have a lightly brushed finish for a subtle effect, while others may have a heavily brushed finish for a more pronounced texture.

Highlighted Grain Patterns

Brushing brings out the grain patterns of the Tantimber Products, making them more pronounced. This can create a visually striking effect, both with Thermowood® hardwood options such as Ash and Oak and Thermowood® Pine that have distinctive grain features.

Compatibility with Stains & Finishes

Tantimber brushed surfaces readily accept various stains and finishes. The texture created by brushing allows the products to hold finishes effectively, enhancing the overall appearance while retaining the wood's natural character.



Aged or Distressed Look

By our Brushing treatment an aged or distressed appearance is being given to our products, which is popular in rustic and vintage design styles.

PRODUCTS

SURFACE

Oiled Surface

Tantimber offers decking and cladding products that are designed to be user-friendly and ready to install. This can be a significant advantage for homeowners and builders looking to save time and effort during the installation process. "All sides oiled decking and cladding" likely means that Tantimber products are finished on all sides, making our products practical and easy to work with in various applications.

Time-Saving

Ready-to-install products can significantly reduce the time required for installation compared to traditional materials that may need additional preparation and finishing.

Consistency

Tantimber's products are likely manufactured to consistent standards, ensuring that each piece has the same quality and almost the same appearance.

Cost-Efficient and User-Friendly

Tantimber's ready-to-install products reduce labor costs and offer ease of use, benefiting both professionals and DIY enthusiasts with efficient installations and satisfying projects.





SOLUTIONS

END-MATCHING



The end-matching is a great feature for ensuring consistent appearance after installing, reducing the overall installation time and minimizing wastage during installing the boards as no trimming is needed during the whole phase.

Tantimber end-matching allows the rain water to flow through the tongue&groove due to it's special design and this prevents stagnant water in between the joists. The end-matching feature can be used both for decking and cladding applications.

MAINTENANCE

Comparing to many industrial products, wood is a maintainable material, and this is an important value in terms of both economic aspects and environmental protection. The ability of maintaining of the material is the proof of the long lifespan of the product. Buying a new product instead of the damaged one or removing the old product and replacing it with a new one is quite costly. Therefore, in terms of economic aspects, the maintainable characteristic of the wood is undoubtedly a superior feature comparing to other materials.

As Tantimber, while increasing the durability and stability of our products, we provide ease of maintenance by minimizing swelling and shrinkage of the wood which generally is the main reason of any replacement. As the maintenance need of our products will be only due to color fading, this can be performed with an easy oiling process.

Tantimber products maintain their freshness with a simple care process even after years. We add a new dimension with our distinctive touch to the wood which brings coziness, nobility, naturality, and peace to places for decades.



BEFORE AFTER



PRODUCTS
FLOORING

Engineered Flooring

SPECIE	THICKNESS (mm)	WIDTH (mm)	LENGTH (mm)	GRADE
OAK	15/4	150/200/250	1800/2000/2200	NATUR/RUSTIC
	20/5	250/300	1800/2000/2200	NATUR/RUSTIC
	15/4	205/235/255	1600-2600	SELECT/NATUR/RUSTIC
Thermowood® Ash	14/4	125/150	1200-2400	VARNISHED - OILED
Thermowood® Ash-HERRINGBONE	14/4	125	600/700/800	VARNISHED - OILED
Thermowood® Ash-CHEVRON	14/4	125	600/700/800	VARNISHED - OILED

With its high durability, rich color, and design options, Tantimber engineered floorings are the best options for offices, restaurants, hotels, plazas, and housing. The raw materials are provided from the most valuable oak trees of Croatia and they become modern, high strength building products by going through a sensitive production process in our facility. Tantimber Engineered Floorings offer different options like lacquered, oiled, brushed and hand scraped surfaces. With a large variety of width alternatives, designing a living atmosphere which has been aimed at the first day becomes in real.

Tantimber engineered floorings offer the unique naturality of the wood for different application areas (floor heating etc.). They are the long lasting and esthetic floor covering solution for your living spaces. From the Herringbone and Chevron pattern to different visual preferences, Tantimber Engineered Floorings complement the design concept successfully with its different design alternatives.

Wide Color and Design Options

Engineered floorings come in a wide range of color options, allowing you to choose the perfect shade to complement your interior design. Additionally, various design options, such as lacquered, oiled, aged, brushed, and hand scraped surfaces, provide versatility in achieving your desired aesthetic.

Different Widths

Tantimber Engineered Floorings are available in various widths, ranging from 120 mm to 255 mm (4.72" – 10.03"). This flexibility allows you to select the right width for your specific flooring needs.

Compatibility with Underfloor Heating

Tantimber engineered floorings are suitable for applications with underfloor heating systems, providing both warmth and functionality.

Easy Maintenance

Maintenance of Tantimber Engineered Floorings is hassle-free, designed for easy cleaning and upkeep, ensuring a timeless and well-preserved flooring appearance.

PRODUCTS
FLOORING

Solid Flooring

SPECIE	THICKNESS	WIDTH (mm)	LENGTH(mm)	GRADE
OAK	15 mm	130	500/700/1200	SELECT/NATUR/RUSTIC
	20 mm	140/160/180/200	500-2000	SELECT/NATUR/RUSTIC

Tantimber Solid Floorings bring the beautiful naturality of sustainable forests from Slavonia region, where the most quality oak trees grow in Croatia and Hungary.

Besides it's Thermally Modified processed durable solid floorings that are manufactured of ash and iroko species, Tantimber also make difference in floors with solid floorings manufactures from oak with its authentic texture.

With rich design alternatives, high-quality Tantimber Solid Floorings which are controlled by wood experts at every stage of the process, redefine the dimensional standards.

With several design concepts; the Herringbone and Chevron alternatives, Tantimber Solid Floorings give freedom of choice to designers and home owners according to their imagination.

Tantimber Solid Floorings are available in different widths and thicknesses such as; 0,59", 0,78" and 1,06" which also have a wide variety of sizes up to 1,2 ft width and 15 ft length.

PRODUCTS

LUMBER



SPECIE	GRADE	THICKNESS (mm)	WIDTH (mm)	LENGTH (mm)
TMT Ash	Prime	26	102 / 127 / 152 / 178	1800-3600
		32		
		38		
		52		
TMT Pine	A/B	25	100 / 125 / 150	3000-4800
		32	100 / 125 / 151	
		50	100 / 125 / 152	
TMT Poplar	Prime	26	102 / 127 / 152	2400-4500
		32	103 / 127 / 152	
		52	104 / 127 / 152	
TMT Iroko	FAS/1F	25	100 / 130 / 150	1000-3000
		32		
		50	100 / 150	
TMT Ayous	Prime	26	100/150	2000-4000
		32		
		50	100 / 150 / 200	



The raw material procurement adheres to the exacting standards of the National Hardwood Lumber Association (NHLA), ensuring top-notch quality.

To further enhance the quality of offerings, Tantimber implements a rigorous six-stage quality control process within its premises. This commitment to quality assurance guarantees that customers receive the very best lumber for the re-manufacturing.

Tantimber goes the extra mile to accommodate individual customer needs. In addition to the standard lumber dimensions, Tantimber provides pre-molded, one-face clear lumber that is free from defects such as knots, cracks, splits etc. and ready for moulding, which we refer to as Tantimber Prime Grade Lumber with the highest yield for customers which want to be flexible during their Production and sales.

Tantimber's product range also includes various types of Kiln Dried (KD)lumber as well as Thermowood® Lumber. These offerings cater to diverse requirements and preferences.



Thermo Wood

Tantimber is a member of International Thermowood® Association.

LUMBER

IMPERIAL
MEASUREMENTS

Cladding **Dimensions**

PROFILE	SPECIE	THICKNESS	WIDTH	LENGTH (ft)
Standart	Ash	0.78" / 1.00"	3.54" / 4.52" / 5.11" / 5.50" / 5.90" / 7.02"	5'-14'
Aura / Nora		1"	5.11" / 5.50"	
Rombus / Tantak		0.78"/1.00"/1.65"	1.57"/2.04"/2.36"/3.54"/4.52"/5.11"/5.50"	
Standart	Iroko	1.65"	1.57"/2.04"/2.36"/3.54"/4.52"/5.11"/5.50"	3'-10'
Standart		0.78" / 1.00"	3.54" / 4.72"	
Standart		0.78" / 1.00" / 1.57"	3.54" / 5.31"	
Aura / Nora	Ayous	1.00"	5.11" / 5.50"	5'-14'
Standart		0.75"	3.62" / 4.61" / 5.50"	
Aura	Pine	1.02"	5.50"	6'-18'
Rombus/Tantak		0.75"/1.02"/1.65"	1.65"/2.04"/2.56"/3.62"/4.60"/5.11"/5.50"	
Standart	Poplar	0.78"	5.11" / 5.50" / 5.90"	6'-15'

Decking **Dimensions**

SPECIE	THICKNESS	WIDTH	LENGTH(ft)
Ash	0,83"	3,45"/4,52"/5,11"/5,90"/6,29"	5'-14'
	1"	4,92"/5,11"/5,90"/6,29"	
	1,65"	5,11"/5,5"/5,90"/7,87"	
Iroko	0,78"-1"	3,54"/4,72"	3'-10'
	1,57"	3,54"/4,72"	
Pine	1,02"	3,62"/4,60"/5,5"	6'-17'
	1,65"	3,62"/5,5"	
Teak	0,39"/0,70"/0,94"	1,96"/2,95"/3,74"/4,92"	3'-2' / 6'-8'



tantimber.com

**WOOD.
REFINED.
REDEFINED.**



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