



DECKING

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 “Thermowood” for ultimate “durability” and
“endurance” .*

*We have a justified pride in our position as being the first company introducing the thermal
modification technology “thermowood” 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.



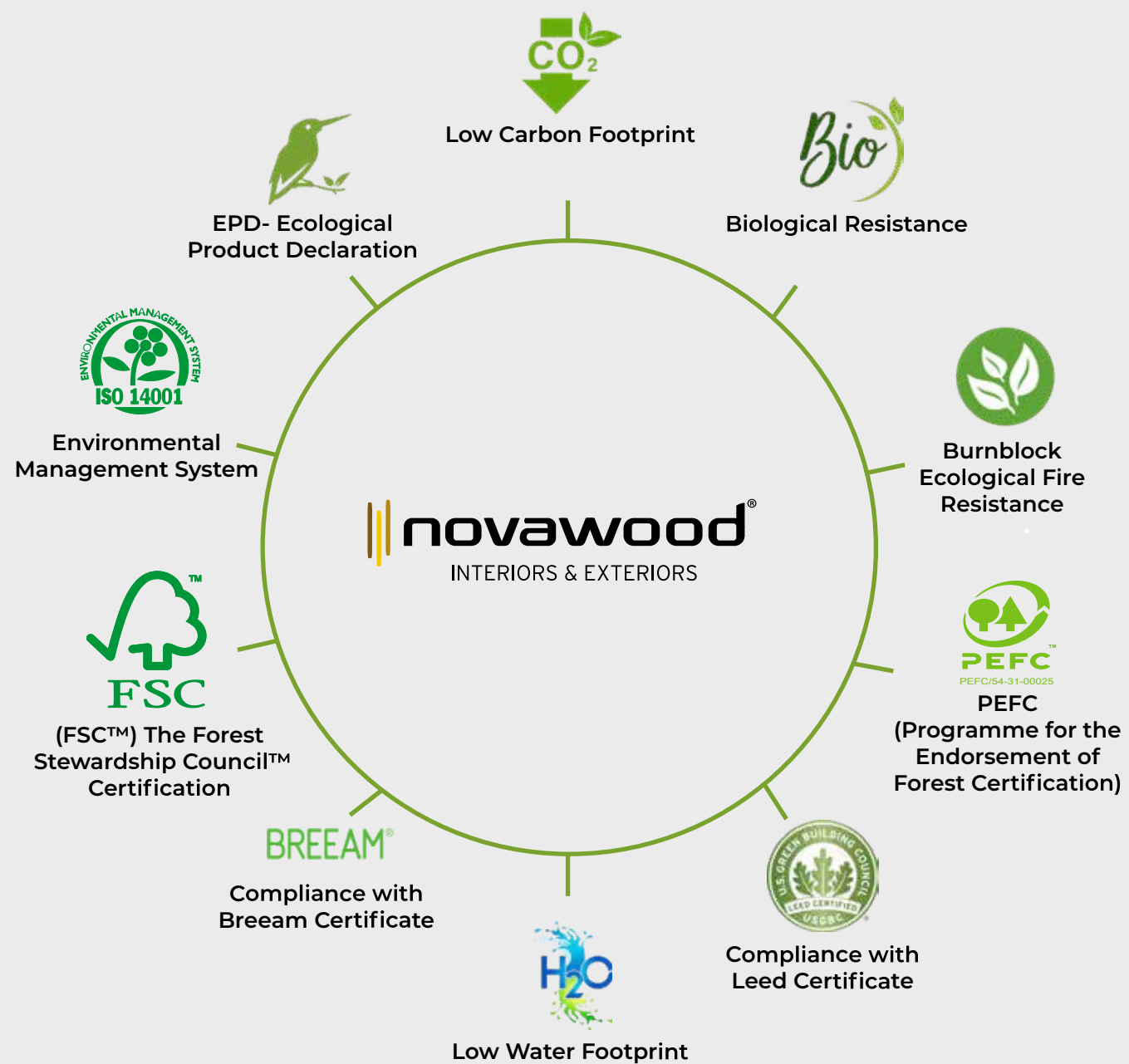
This certificate confirms that Novawood's activities and productions are in accordance with Turkish standards as well as showing that the production place of certified products meets the requirements of the institute.



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.





Choose the most suitable product for you from the Nova-Deck portfolio, enjoy life with a natural product that you will not give up stepping on for years.



NOVA
DECKING



NOVA-ASH DECKING

Nova-Ash decking turns out to be an indispensable product for outdoor usage with it's aesthetic appearance, long life span and durability. Through the thermowood process of Novawood, the biological durability of ash decking material increases and becomes resistant to the outdoor weather conditions.

“
nova[®]thermowood Its attractive brown colour, beautiful grain structure, dimensional stability and technical features add value to the spaces and ensures optimum results.

DIMENSIONS

Thickness (mm)	Width (mm)	Length (mm)
20 / 21	80 / 90 / 112 / 130 / 140 / 150	800 - 3600
25	90 / 112 / 130 / 140 / 150 / 160	800 - 3600
40	65 / 90 / 112 / 130 / 150	800 - 3600



Le Chic / Bodrum
Nova-Iroko Decking



NOVA-IROKO DECKING

For those who prefer to be stylish with an exotic touch, we offer a product that can crown their perspective.

Hard structured iroko tree gains many features as it has increased durability as a result of the thermowood process of Novawood.

“
novathermowood® The exotic Nova-Iroko provides an ideal decking material with its durability, light amber colour and an elegant look that captures perfection with its modern aspect.

DIMENSIONS

Thickness (mm)	Width (mm)	Length (mm)
20	90 / 120	800 / 3000
25	90 / 120	800 / 3000
40	90 / 120	800 / 3000



NOVA-PINE DECKING

We bring the traditional structure of pine tree to your spaces with an innovative solution. Pine tree, which has been the most abundant tree species in the nature, provides a unique beauty as well as the optimum benefit with the Novathermowood process.

Nova-Pine deckings are carefully produced for your buildings with its perfect harmony with the nature, perfect adaptation to all weather conditions, and its cost-benefit balance.



novathermowood It stands out as the most ideal and economical solution for those who cannot give up the appearance of naturalness of the knotty structure and the preference of the traditional.

DIMENSIONS

Thickness (mm)	Width (mm)	Length (mm)
26	92 / 118 / 138	1000 / 5100
42	92 / 138	1000 / 5100



CLEAN



CLEAN CLIPS



GROOVE



GROOVE CLIPS



ANTISLIP



ANTISLIP CLIPS



CONVEX



CONVEX CLIPS



MARIN



TENI CLIPS



CLEAN GRAD



CONVEX GRAD



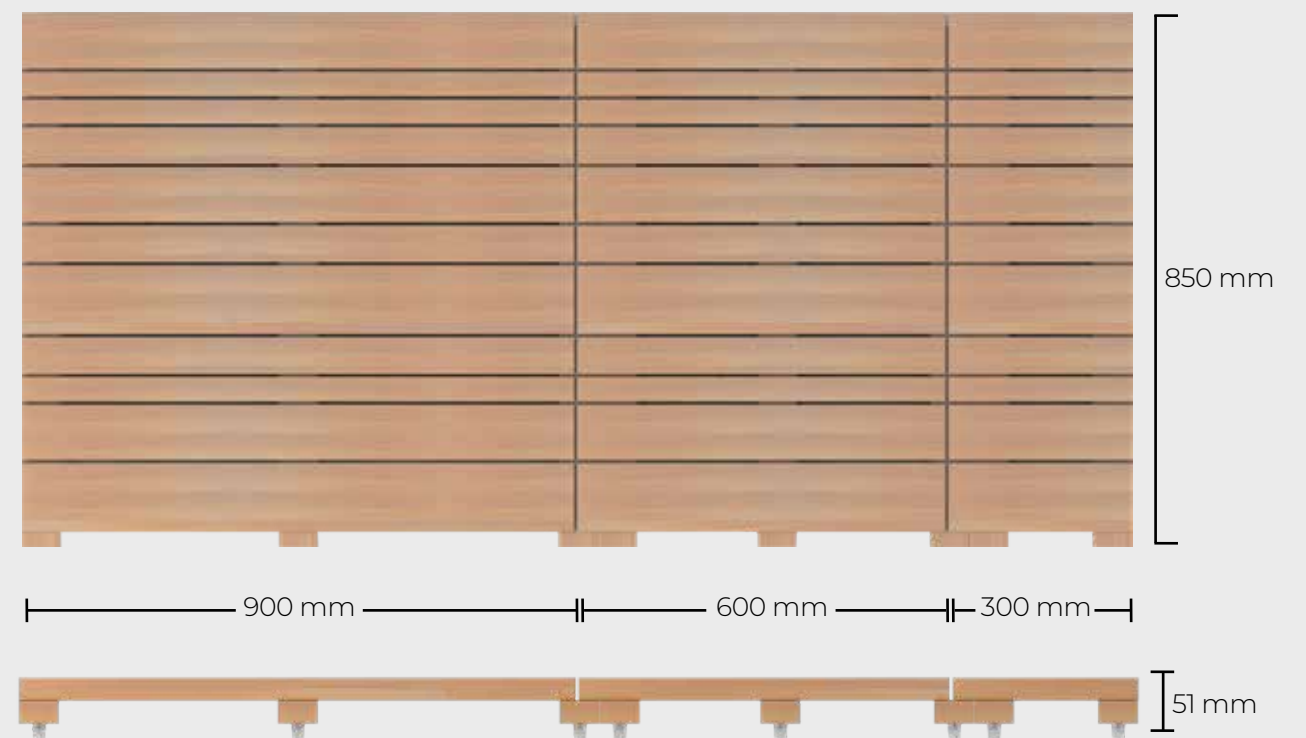


The One / Bodrum
Nova-Ash Random Decking

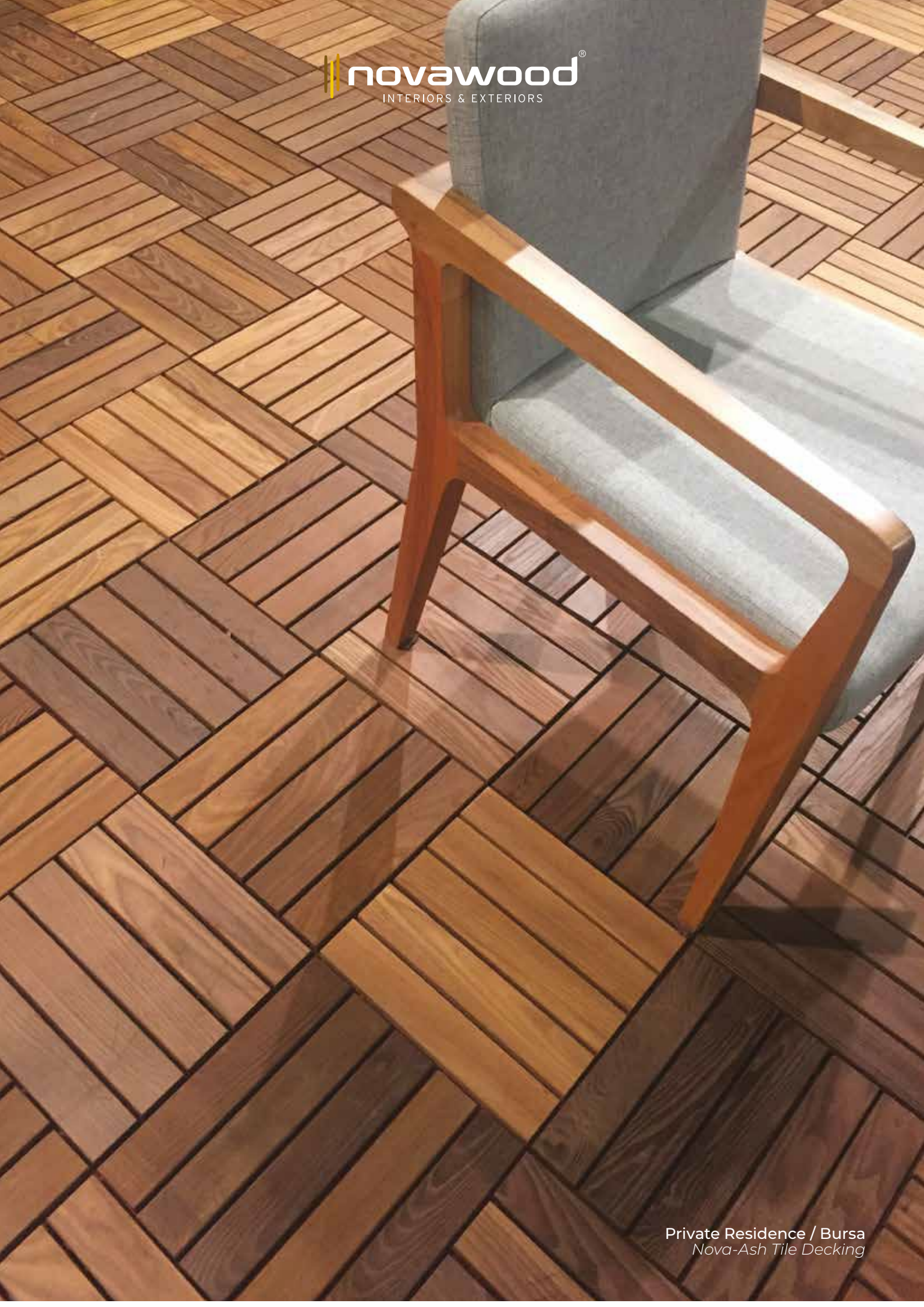
Nova Random Deck offers a unique combination of different lengths and widths, allowing for a variety of uses. Its versatility lies in its ability to combine these different sizes, with possibilities for creating custom patterns. In addition to being environmentally friendly and natural decking with a modern and stylish appearance, Nova Random Decks adds freedom of personalization to the design, out of the ordinary with its aesthetic appearance. Nova Random Decks are designed for quick and easy installation. Thanks to the rubber shoes mounted under the wooden frames, elevating random decks from direct ground contact and facilitating air and water circulation. This ensures a faster drying process for Nova Random Decks. With its problem-free use in all weather conditions, stable form structure and smoothness, Nova-Random decks offer a wide range of usage areas such as poolside, gardens, walking paths, terraces and balconies, saunas and spas, cafes and restaurants.



The One / Bodrum



Wood specie	Height (mm)				Tile Size (mm)
	Rubber Lug	Under-Construction	Deck	Total	
Thermowood Ash	11 mm	20 mm	18 / 20 mm	49 / 51 mm	300 x 850 600 x 850 900 x 850



novathermowood Made of 100% natural material, Nova-Tile decking is stylish, environmentally friendly, healthy, durable, and simultaneously it is easy to install, disassemble, maintain and clean.



The special plastic of Nova-Tile Decking, which is mounted on highly densed polyethylene plastic with stainless steel screws, prevents the water accumulation under the wood on the wet floors. Specially designed clips system lowers assembly costs while making installation easier. It helps you to save time, and also to prevent dust and dirt. The fact that it can be disassembled as fast and practical as it is assembled allows you to easily remove Nova-Tile decking in case of a possible location change. Nova-Tile deckings offer a wide range of usage areas such as poolside, gardens, walkways, terraces and balconies, saunas and spas, cafes and restaurants. It is stable, smooth and suitable for use in all weather conditions, offers a reliable and classy living spaces.

Wood specie	Thickness (mm)	Title Size (mm)
Thermowood Ash	32 (17 +15)	300 x 300 300 x 600
Thermowood Iroko	32 (17 + 15)	300 x 300 300 x 600
Thermowood Pine	32(17+15)	300 x 300 300 x 600

The inner parts of the tile can have a width of 55 or 70 mm.
The thickness of the wood is 17 mm, and the thickness of the llower plastic material is 15 mm.

Pi-Clips / Pi2-Clips



Pi-Clips and Pi-2 Clips are hidden mounting detail apparatus produced from PA6 material, which are specially designed for undesirable situations with screw mounting on the decking. Pi-clips are resistant to all kinds of outdoor weather conditions.

Pi-Clips facilitates installation by automatically providing 4.5 mm gap required between the deckings. Pi-2 Clips, on the other hand, is placed between the two decks with its special double-winged structure and raises the decking 5 mm above the under-construction and provides the air circulation which extends the life of the wood. As a result of these advantages, Pi clips become an indispensable, smart solution for the decking applications.

Pi-Takoz / Pi2-Takoz

With the new and specially designed Pi-Takoz products installed under the under-construction in the decking applications, it is possible to cut the contact of the under-construction from the ground and to allow the air and water to flow smoothly. Therefore, Pi-Takoz prevents the under-construction from sinking in the water accumulation at the certain level that may form on the ground. Thus, decking applications become much more permanent and long-lasting. With this feature that supports ease of application and durability, Pi-Takoz are ready to be an essential part of your decking applications!



Pi-Takoz
(10 mm)



Pi-2 Takoz
(27-38 mm)



Pi-Teni

Teni is a type of modified start and end clip, which is made of polyoxymethylene POM, UV and weather resistant, and provides very easy and simple installation.

The system consists of two independent arms. The arms have a rigid side to secure the board in its places and the other side to absorb the expanding and contracting of the wood and it creates a 6mm gap between deck boards.



Pi-Teni Clips



UNDER-CONSTRUCTION

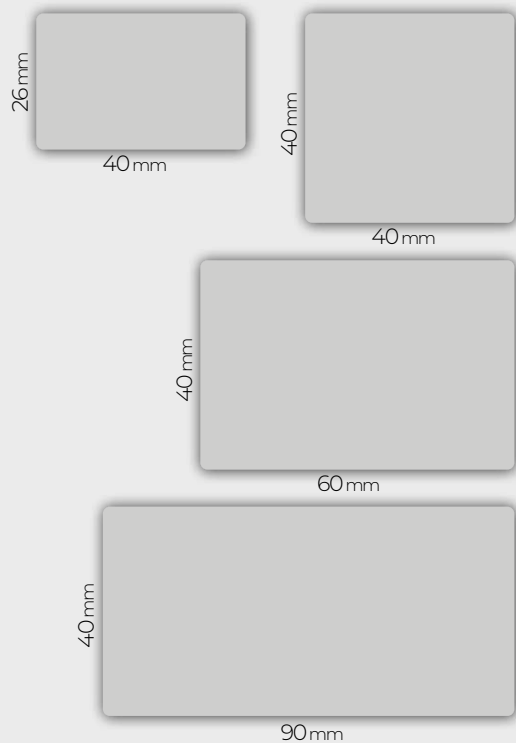
Novawood creates under-construction solutions in various sizes in order to ensure that the substructure of your decking are the right products that you get the optimum benefit in your applications. Under-construction forms the base of the decking, which necessitates utmost care in the selection of materials. The right decking application starts with choosing the right under-construction.

If the products and substructure materials are at the same moisture content levels, they will have same working tendency, thus the most efficient solution will be obtained. Novathermowood under-construction materials, which are generally produced from ash, iroko and pine trees, become much more durable with fingerjoint and lamination processes and can be produced in larger sizes.

► Decking Under-Construction Details



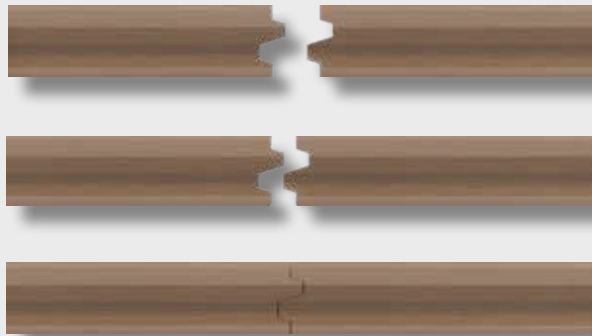
► Under-Construction Profiles



Wood specie	Thickness (mm)	Width (mm)	Length (mm)
TMT Ash	20 / 25 / 40	40 / 60 / 90	800 - 3000
TMT Ask (FJ / Lam)	25 / 40	40 / 60 / 90	2000 - 4000
TMT Iroko	20 / 25 / 40	40 / 90	800 - 3000
TMT Iroko (FJ / Lam)	20 / 40	40 / 90	2000 - 4000
TMT Pine (A Kalite)	26 / 42	42 / 65 / 90	1000 - 5100

END-MATCHING

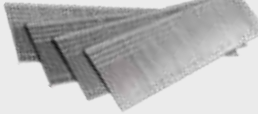
Novawood has adopted the principle of producing the details for the perfect installation on decking and facades with the innovative solutions. This unique design and application detail developed in this sense is just one of the smart solutions that Novawood offers. End matching makes the structural strength and fixation perfect with the formation of a full bearing conditions on the heads, in addition to providing easy assembly during the application, aesthetic continuity and integrity.



SCREW / NAIL

Correct selection of screws will prevent the rust formation and provide trouble-free assembly. In decking and cladding applications; it is recommended to use A2 stainless coded screws or nails for visible or invisible connections. In these applications, it is important to use screws suitable for the cladding and under-construction.

For invisible clips connections, countersunk half-threaded or fully threaded A2 stainless steel screws suitable for the clips and wood should be preferred.

Screw	Screw (mm)	Screw Length (mm)	Head (mm)
 Clip-on mounting screw	3.5	35 / 40	7.0
 Clip-on mounting screw	4.0	40 / 50	8.0
 Top mounting screw	5.0	56	10.0
 Top mounting screw	5.0	40 / 50 / 60 / 70 / 80	7.0
 Nail	1.0	40	1.25

NOVA-PEDESTAL

► What is Nova- Pedestal?

► Nova-Pedestals are raised floor legs which can be used indoors and outdoors, with an adjustable height between 14-725 mm. Preferably used when decking applications are carried out, pedestal supports are particularly needed when elevation from the ground is required, providing easy installation due to height adjustability.



Nova Code	Height (mm)
NSP1	14
NSP2	18
N0	15-30
N1	26-35
N2	35-50
N3	50-75
N4	75-110
N5	110-180
N6	140-220
N7	205-295
N8	205-330
N9	270-390
N10	270-440
N11	340-500
N12	340-550
N13	405-615
N14	405-660
N15	470-725

$$\text{Number of pedestals to be used} = \frac{\text{Under-construction distance (m)} \times \text{Pedestal distance (m)}}{1}$$

► Advantages of Nova-Pedestal Systems

- It has high load resistance. (Min 1000 kg / piece)
- It provides fast drainage due to its open joint system, thereby there is no accumulation of water on the coating and no water ponding.
- Installation and wiring can be done in the space between the floor and the coating.
- It is easy to apply, fast and economical
- It has high resistant to all weather conditions.



OILING

To delay color fading caused by UV rays, nourish and revitalize the wood surface, reduce splintering, protect against liquid stains, and prevent or minimize surface and end cracks, Novathermowood decks must undergo the correct surface treatment.

Applying a high-quality semi-transparent colored oil with no film formation, water-repellent properties, lead-free content, easy maintenance, and resistance to UV rays is essential for treating Novathermowood deck wood surfaces.

Before assembling Novathermowood decks, the colored oil must be applied to the front, back, sides, and end parts of the wood to maximize service life. During application, the method and quantity specified in the oil manufacturer's "Technical Data Sheet" should be followed, applying one to two coats as needed to avoid film formation on the surface.



First Layer

Second Layer



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

ABOUT MAINTENANCE

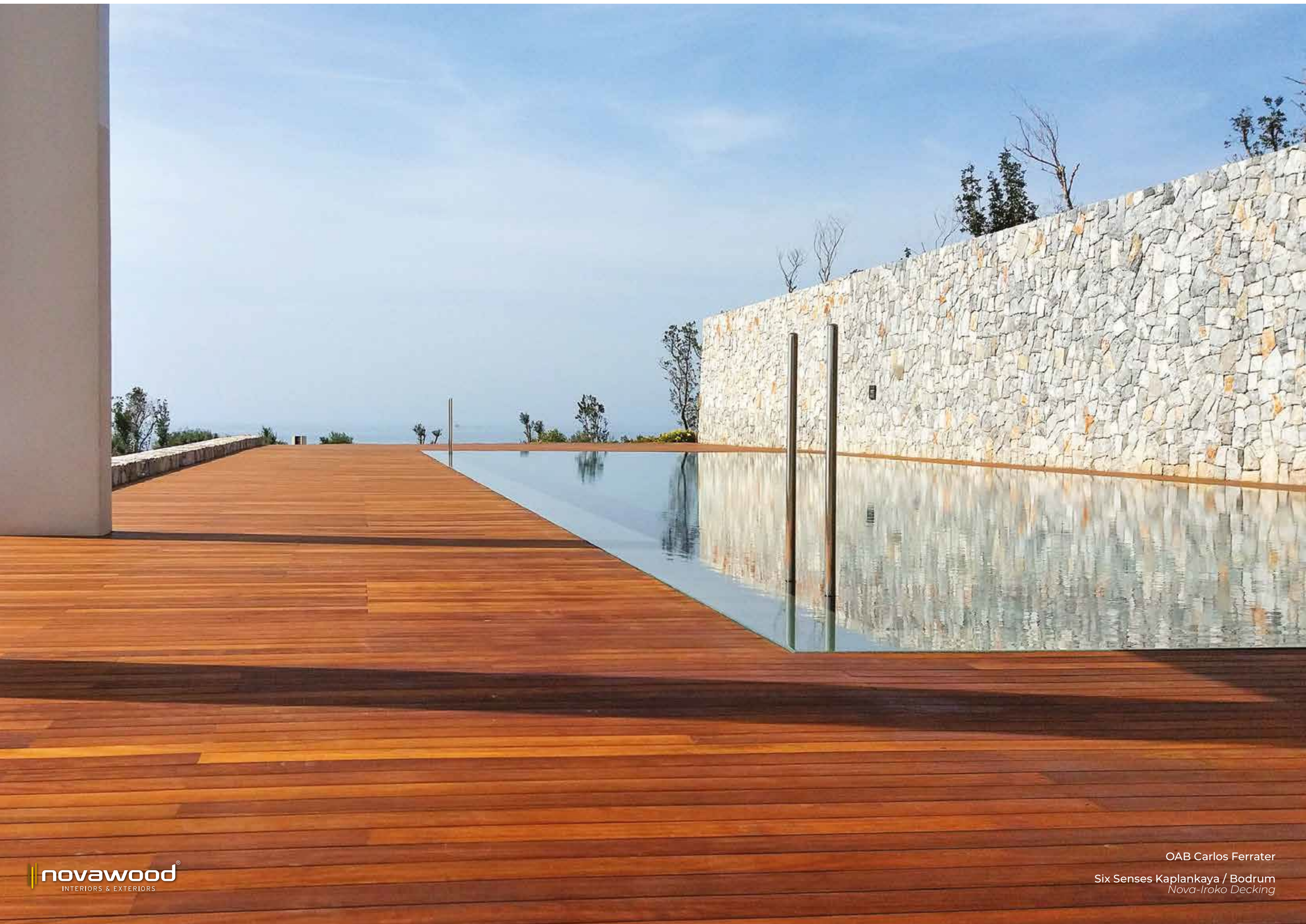
Wood undoubtedly makes its difference clearly because it can be maintained, unlike many building materials. Even after years, areas where it is applied, such as decks, claddings, ceilings, sunshades, and urban furniture, can regain their original appearance without requiring substantial reinvestment, making wood a more appealing choice. Novathermowood materials can be used for long-lasting duration because their maintenance not only preserves them but also enhances their durability compared to traditional wood products, minimizing the risk of deformation. Despite the effects of heavy traffic and UV rays over time, proper maintenance can significantly restore the surface of the wood, eliminating abrasions and grayness, and bringing it back to its first-day appearance.

It should not be forgotten that;

The graying of Novathermowood materials does not impact the strength values and classification of the products. The color degradation observed on the surface represents a visual change and does not compromise the structural strength values. Superficial fungi, which can even form on the surface of stone and metal, can also be seen in environments where thermowood is left very humid, but this is not rotting. Bleaching, identified as surface degradation rather than decay, is acknowledged in the sector's literature and accepted as a desirable grayed surface. It should not be forgotten that wood undergone heat-treated process is also a natural material. Hairline cracks may appear on wooden surfaces over time. This situation has no negative effects in physical or mechanical terms. It can usually be improved by sanding during maintenance.

Application

Generally, wooden products require periodic checks and maintenance for sustainable usage comfort, and optimal service life. Maintenance is not merely a technical pleasure but a necessity. When maintaining, avoid removing old paint/varnish; instead, clean the surface thoroughly with sandpaper to eliminate dirt, oil stains, sawdust, and old paint residues. Afterwards, if possible, the wooden surface should be washed with water. After ensuring that the washed surface is completely dry (3-5 days depending on weather conditions), it should be maintained with wood preservatives in accordance with the application recommendations of the company from which the wood preservative is supplied. In this way, it will be seen that Novathermowood can regain its first-day appearance.

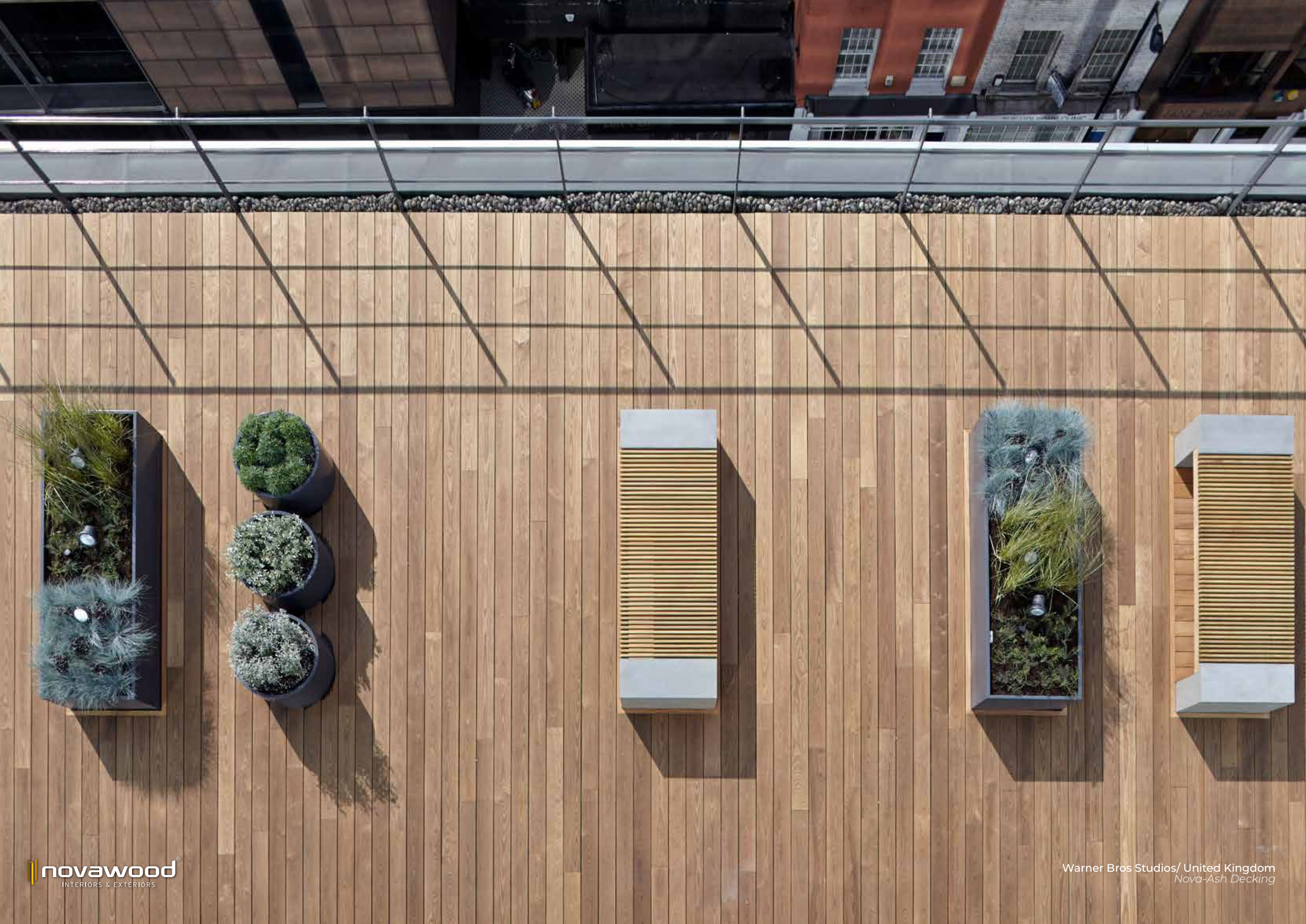
















- AFGHANISTAN

• 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

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• ESTONIA

• FINLAND

• FRANCE

• GEORGIA

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• KAZAKHSTAN

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• SAUDI ARABIA

• SERBIA

• SINGAPORE

• SLOVAKIA

• SOUTH AFRICA

• SOUTH KOREA

• SPAIN

• SWEDEN

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• UAE

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• VIETNAM





Rooted in sustainability , crafting a greener future



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