

# EXTERIOR CATALOG



*Rooted in sustainability, crafting a greener future*



## INDEX

FACTORY & PRODUCTION .....	6
NOVAWOOD TECHNOLOGY .....	11
CERTIFICATES .....	15
PROJECT REFERENCES .....	18
NOVA CLADDING .....	33
Nova-Ash Cladding .....	35
Nova-Iroko Cladding .....	37
Nova-Pine Cladding .....	39
Nova-Tulipwood Cladding .....	41
Nova-Ayous Cladding .....	43
Nova-Cladding Profile Types .....	45
Nova-Cladding 3D Profiles Tpyes .....	47
Cladding Systems-Clips .....	48
Custom Solutions .....	50
Surface Applications .....	52
Burnblock .....	54
Sioo:X .....	57
Nova-Croco .....	59
Sunshade / PERGOLA .....	63
Sunshade .....	65
Sunshade Dimensions .....	67
Sunshade Profiles .....	69
Sunshade Systems .....	70
Movable Sunshades .....	73
Pergola .....	75
CEILING SYSTEMS .....	79
NOVA DECKING .....	85
Nova-Ash Decking .....	87
Nova-Iroko Decking .....	89
Nova-Pine Decking .....	91
Decking Profile Types .....	93
Decking Systems .....	94
Nova-Random Decking .....	103
Nova-Tile Decking .....	105
ALTERNATIVE USES .....	109
Tiny House .....	111
SPA/ Sauna .....	113
Window Scantling .....	114
Door Covering .....	115
Urban Furnitures .....	117
Custom Solutions .....	121
Natural-Aging .....	123
Novathermowood Lumber .....	127
Maintenance .....	129
PROJECT REFERENCES .....	130
NOVAWOOD IN 6 CONTINENTS .....	170

*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 termal 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 m<sup>3</sup> of Novathermowood timber and 1.000,000 m<sup>2</sup> 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 ■



EUROPEAN  
PROPERTY  
AWARDS

Interior Design  
**WINNER**  
2016-2017

1st Award  
Retail Architectures  
2nd Award  
Retail Interior



Mert Uslu Architecture  
Photo: ZM Yasa Architecture

Sasalı Biolap / Izmir  
Nova-Ash Cladding

# UNDERSTANDING NOVAWOOD TECHNOLOGY



## 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:

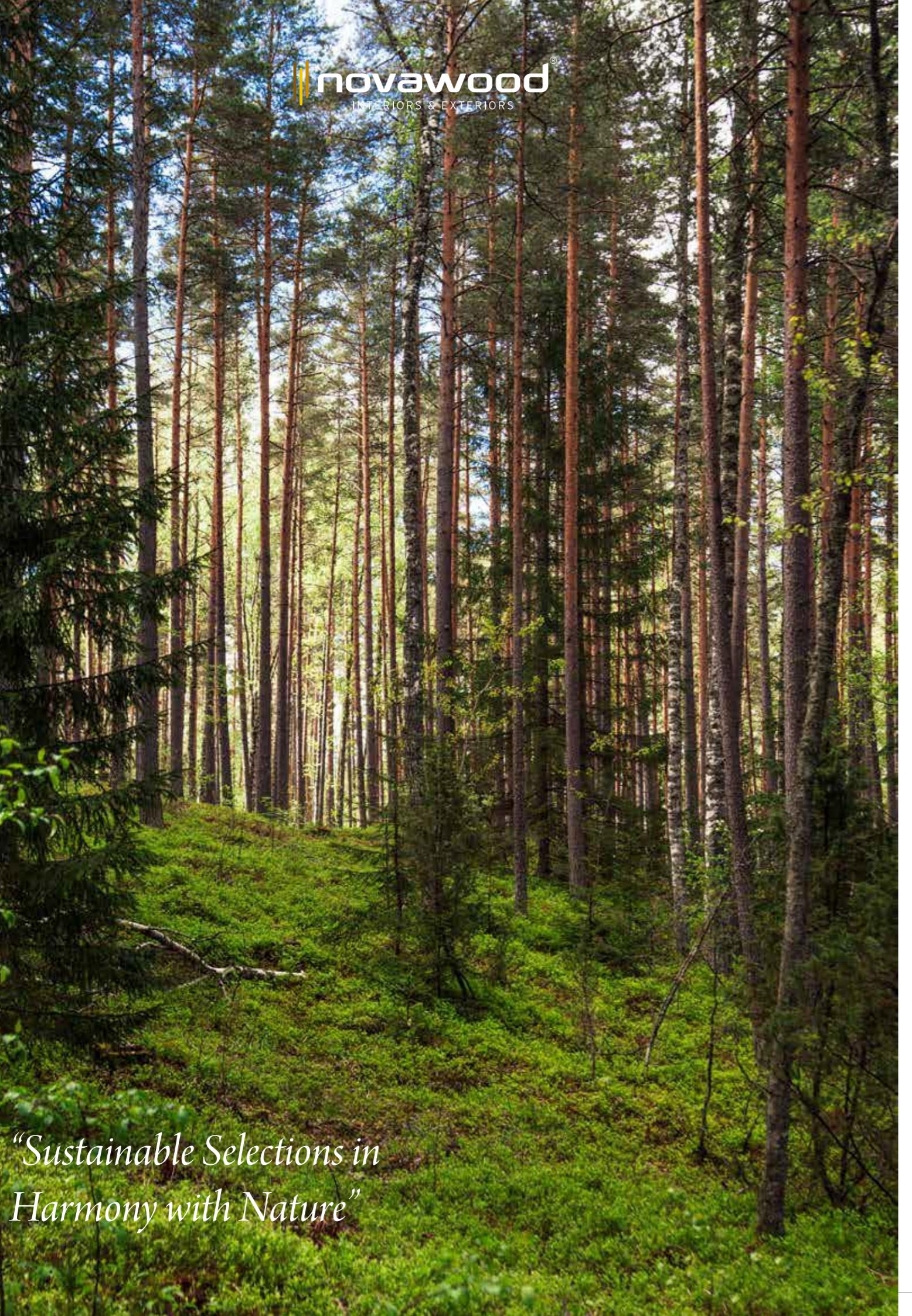
Novawood ensures top safety standards by enhancing wood fire resistance through the Burnblock process. This process which applies with the vacuum-pressure impregnation method, provides long-term fire resistance, deeply protecting the wood.

## 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.



*“Building Reliable Havens for Children and  
Earth with Eco-Friendly Timber”*



*“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.



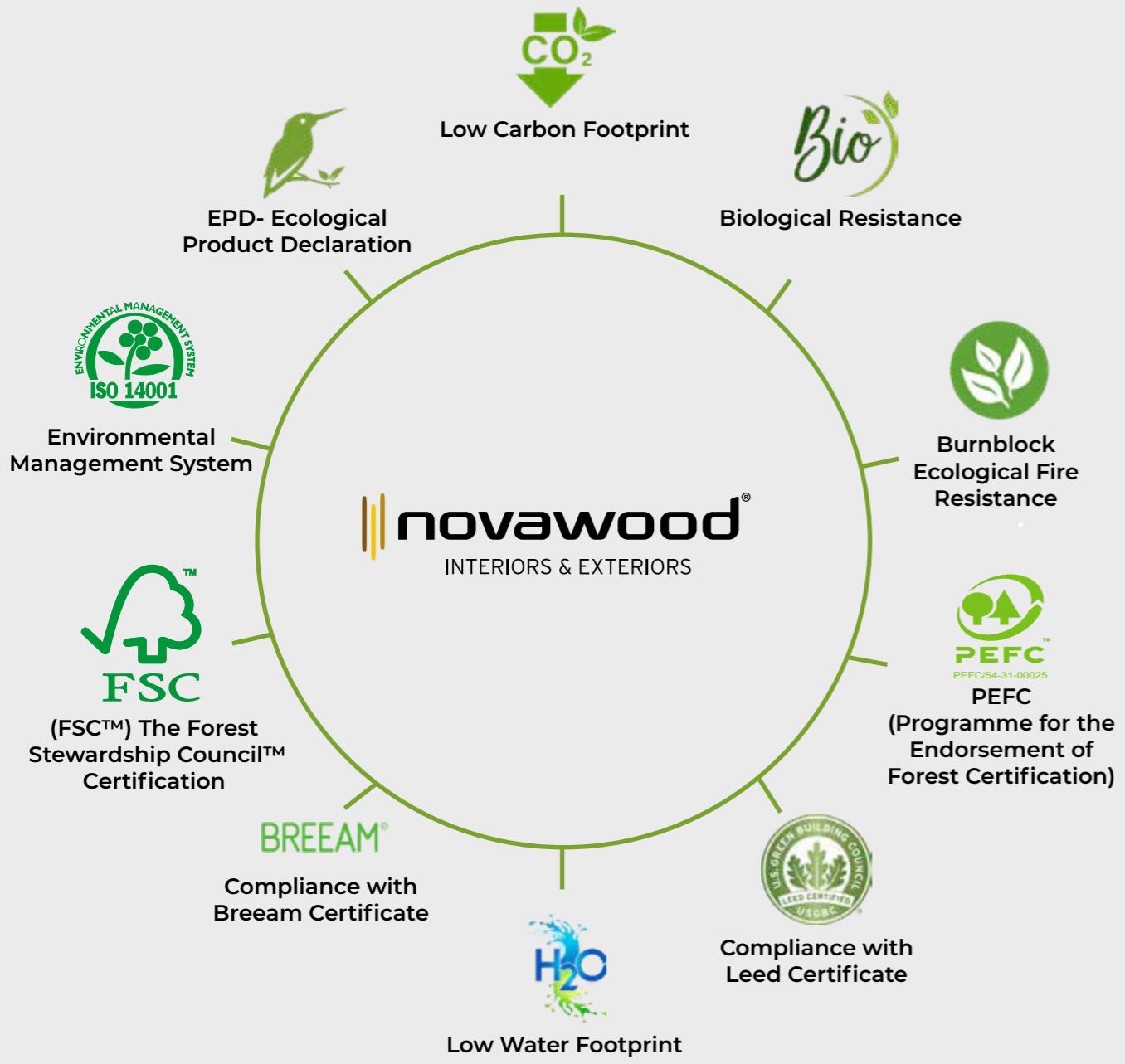
This certificate confirms that Novawood's activities and productions are in accordance with Turkish standards as well as showing that the production place of certified products meets the requirements of the institute.



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.





Lumber Plus  
Photo, Robert Jamison

Gene's House- United States of America  
Nova-Ash Ceiling



Nevzat Sayın Architecture  
Photo, ZM Yasa

Ilıca Duo Evleri / İzmir  
Nova-Pine Sunshade



Uygur Architecture  
Photo, Cemal Emden

Ted Koleji Vakfı Okulları / Ankara  
Nova-Pine Cladding







Lumber Plus

Photo, Robert Jamison

Nuno's House- United States of America  
Nova-Ayous Ceiling

**novawood**  
INTERIORS & EXTERIORS

IUSE Photography



“

Nova-Claddings are long-lasting and stable, allowing for horizontal and vertical applications with its size and profile options.

Thus, while supporting the design and aesthetic appearance of your buildings, it also provides a high resistance to all weather conditions.



**NOVA**  
CLADDING



Mert Uslu Architecture  
Photo, ZM Yasa

Sasalı Biolap / İzmir  
Nova-Ash Cladding



#### NOVA-ASH CLADDING

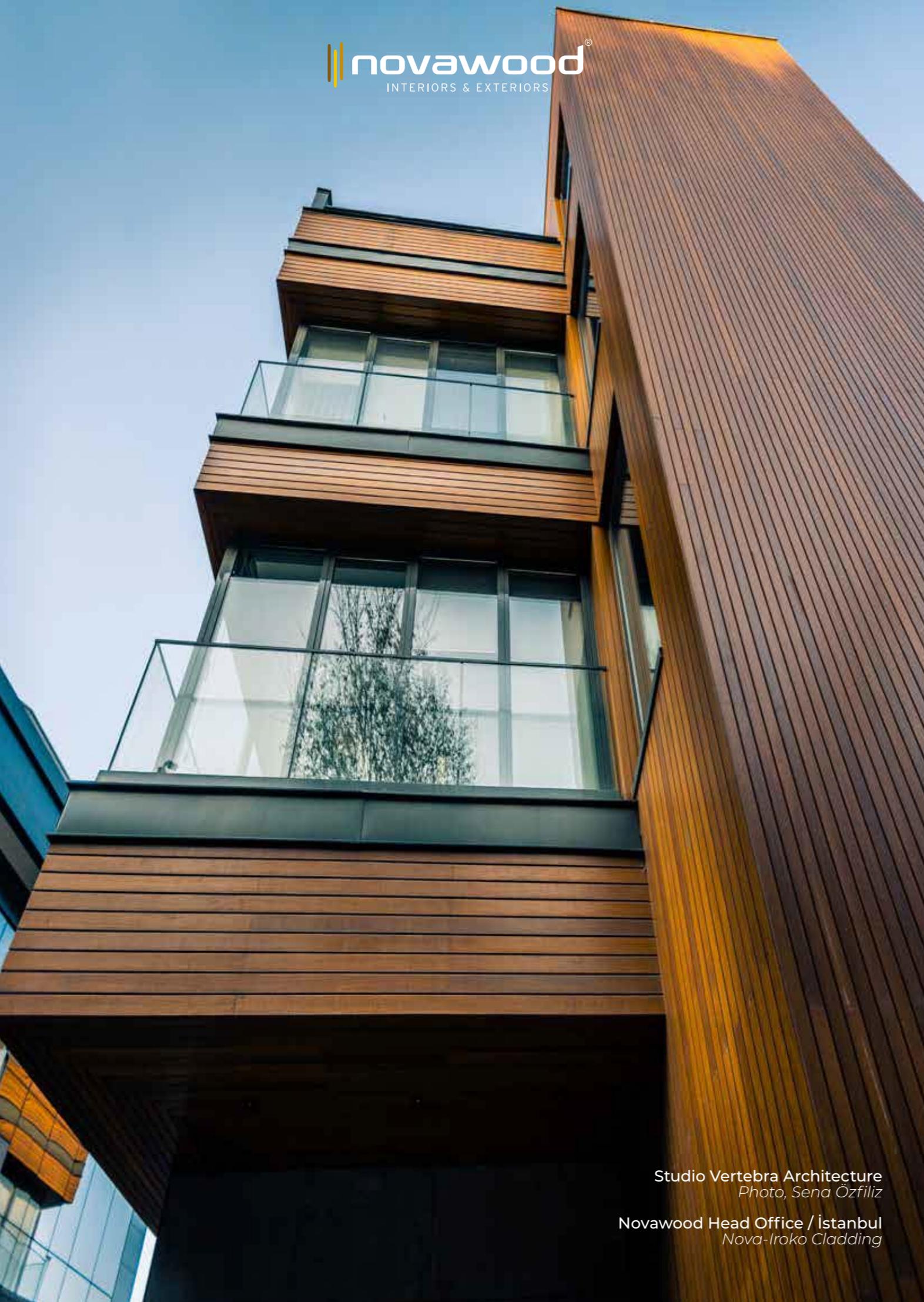
Ash is a hardwood with a high number of grains, and features an elegant look with its wavy texture. These features make Nova-Ash Cladding a multipurpose, aesthetic and durable material. If you seek an elegant look to highlight your buildings, durable and reliable Nova-Ash cladding is the right choice.



**novathermowood**® Ash cladding provides a flawless appearance and durability due to its wavy texture, performance and structural feature.

#### DIMENSIONS

Thickness (mm)	Width (mm)	Length (mm)
8	90 / 130	800 - 3600
10	90 / 130	800 - 3600
20	92 / 100 / 115 / 130 / 150 / 160 / 180	800 - 3600
25	130 / 150	800 - 3600



Studio Vertebra Architecture  
Photo, Sena Özfiliz

Novawood Head Office / İstanbul  
Nova-Iroko Cladding



#### NOVA-IROKO CLADDING

The exotic Iroko is an ideal exterior cladding material with its durability, light amber colour and elegant look that captures perfection with its modern aspect.

In the process starting with the extraction from the nature, we make the exotic iroko tree, which stands out with its long biological life and simplicity, much more stable due to the thermowood process. Consequently, it becomes an ideal, problem-free material with a minimized working tendency. Nova-Iroko cladding drives your projects elite and modern by adding an aesthetic appearance with its elegance.



**novathermowood** Nova-Iroko cladding will help you to capture a modern aspect at your spaces with its honey colour, uniform texture and plain appearance.

#### DIMENSIONS

Thickness (mm)	Width (mm)	Length (mm)
8	92	800 - 3000
10	92	800 - 3000
19	92 / 120	800 - 3000



## NOVA-PINE CLADDING

Being one of the most abundant tree species in the nature, the pine is transformed into Nova-Pine cladding through the thermowood process to present you the most natural one in the best way. It offers an ideal solution for those who seek a natural look on their facades and can't resist the charm of pine.



**novathermowood** It's knotty structure is preferred by those who love the traditional. With it's unique harmony with the nature, perfect adaptation to all weather conditions, cost-benefit balance, Nova-Pine claddings are carefully produced for your buildings.

## DIMENSIONS

Thickness (mm)	Width (mm)	Length (mm)
15 / 16	92	1000 - 5100
18 / 19	92 / 118 / 120 / 138 / 140	1000 - 5100
20	92 / 118 / 120 / 138 / 140	1000 - 5100
26	92 / 118 / 120 / 138 / 140	1000 - 5100
42	92 / 118 / 120 / 138 / 140	1000 - 5100



Adis Arcon Ltd. / Israel  
Nova-Tulipwood Sunshade



### NOVA-TULIPWOOD CLADDING

Tulipwood is classified as a hardwood specie which is the basic tree type of sustainable forests. Its plain grain structure, dark caramel color and lightweight will add a different perspective to outdoor usages. We call it 'authentic' because of its plain surface and distinctive structure.



**novathermowood** Due to its ability to be obtained in long length proportions, it is preferred in construction sites by providing ease of planning.

### DIMENSIONS

Thickness(mm)	Width (mm)	Length (mm)
20	130 / 150	1200 - 4200



BAD Design  
Paşalimanı 1450 / İzmir  
Nova-Ayous Cladding



### NOVA-AYOUS CLADDING

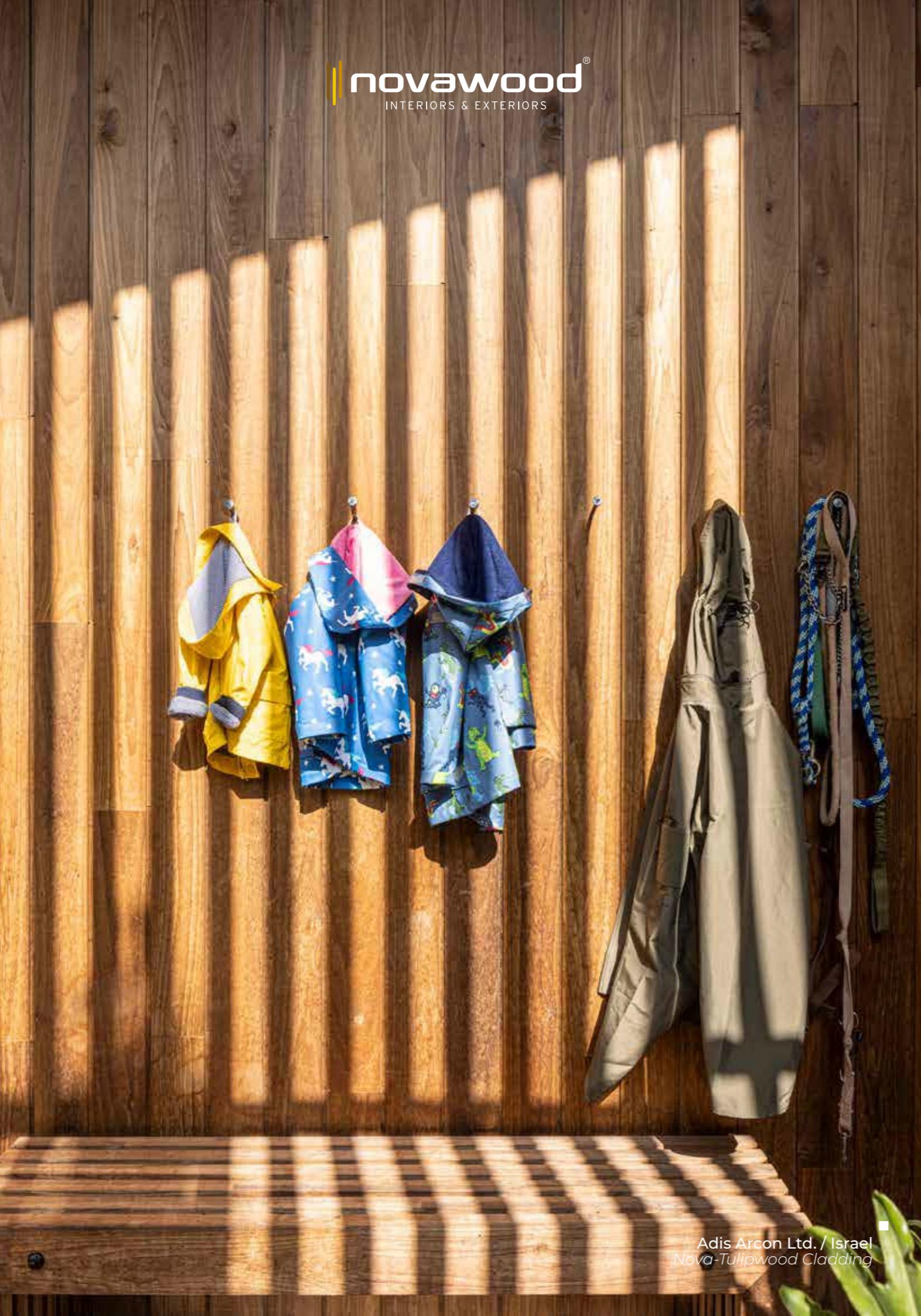
Nova-Ayous has a highly admired and particularly preferred yellow-brown color, and it becomes an indispensable tropical wood option on the exteriors with its knot-free structure and unique texture. Simultaneously, it provides a great convenience in the applications by not imposing any extra load on the facades through its light structure. All the durability and dimensional stability features of our other thermowood products are also valid for Nova-Ayous claddings.



**novathermowood** Nova-Ayous claddings are presented as an economical alternative with their smooth structure and easy processability, simple and elegant structure.

### DIMENSIONS

Thickness (mm)	Width (mm)	Length (mm)
8	92	1000 - 4000
16	92	1000 - 4000
18	92	1000 - 4000
20	92 / 140	1000 - 4000
25	92 / 140	1000 - 4000
40	92 / 140	1000 - 4000



Adis Arcon Ltd. / Israel  
Nova-Tulipwood Cladding



ALFA



ZETA



NOVA



BETA



PERA



GAMA



REINA



META



DELTA



CLEAN



ENDURO



ENDURO-T



ENDURO-D



ENDURO-S

SOLO



SOLO-40



SOLO-25

SOLO-20

QUATRO



QUARTES

TRES

DOS

UNO



RIGA



FUGA



SIGMA



THETA



NODO

## Pi-Zeta / Pi2-Zeta



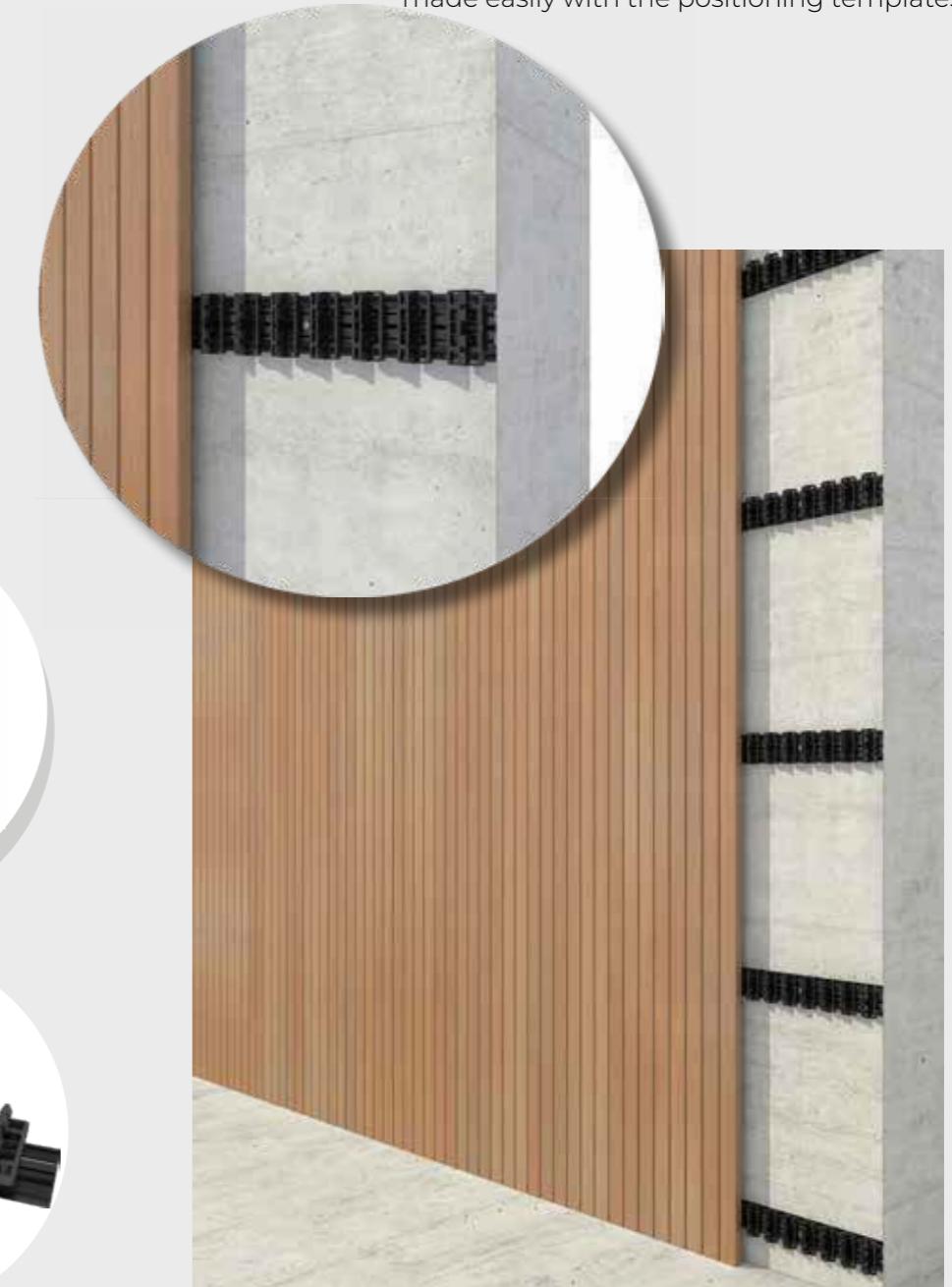
Experience the difference of our specially designed Pi-Zeta and Pi2-Zeta clips, which provide faster and easier installation in facade applications, allow air circulation by raising the facades by 5 mm over the underconstruction, and enable independent boards of cladding! In case of any problem that may occur in the wood, the damaged part can be easily replaced with a new one due to the cladding boards that are independent from each other. Pi-Zeta clips allow air and water passage by providing standard gaps automatically between the facades from the moment of application.



## Pi-Grad / Pi-Grad Rail



Grads are the best clip-on, screwless, invisible clips that used in the cladding and sunshade applications, which are mounted to the under-construction with the screws. It has an anti-sliding system between the boards to be mounted. Placement of Grad clips can be made easily with the positioning templates.

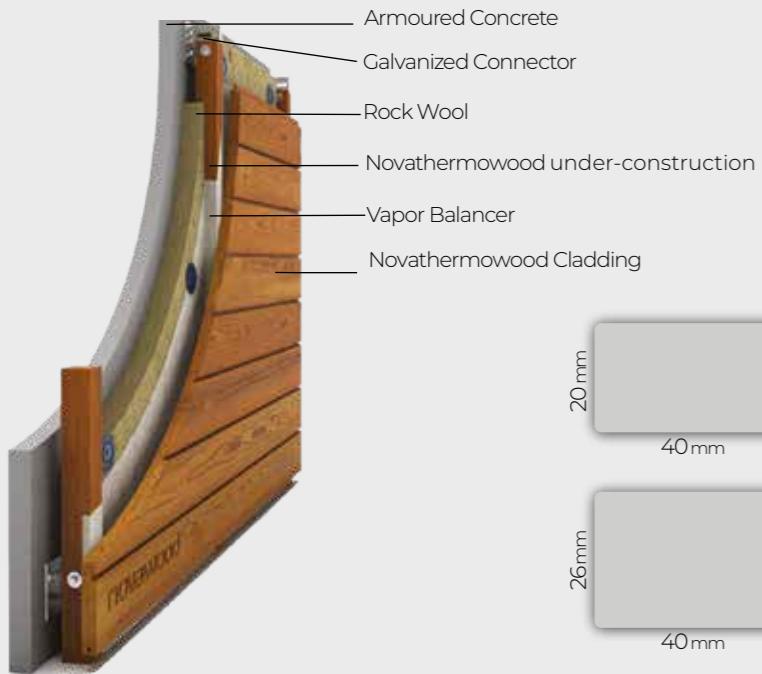


## UNDER-CONSTRUCTION

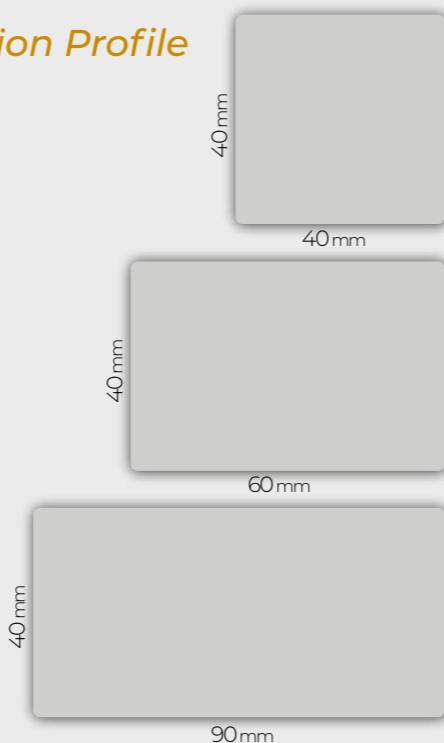
Novawood creates under-construction solutions in various sizes in order to ensure that the substructure of your cladding are the right products that you get the optimum benefit in your applications. Under-construction forms the base of the cladding, which necessitates utmost care in the selection of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

### ► Cladding Under- Construction Detail



### ► Under- Construction Profile



#### DIMENSIONS

Wood Species	Thickness (mm)	Width (mm)	Length (mm)
TMT Ash	20 / 25 / 40	40 / 60 / 90	1000 - 3000
TMT Ash (FJ / Lamine)	25 / 40	40 / 60 / 90	2000 - 4000
TMT Iroko	20 / 25 / 40	40 / 90	1000 - 3000
TMT Iroko (FJ / Lamine)	20 / 40	40 / 90	2000 - 4000
TMT Pine (A Kalite)	19 / 26 / 42	42 / 65 / 90	1000 - 5100

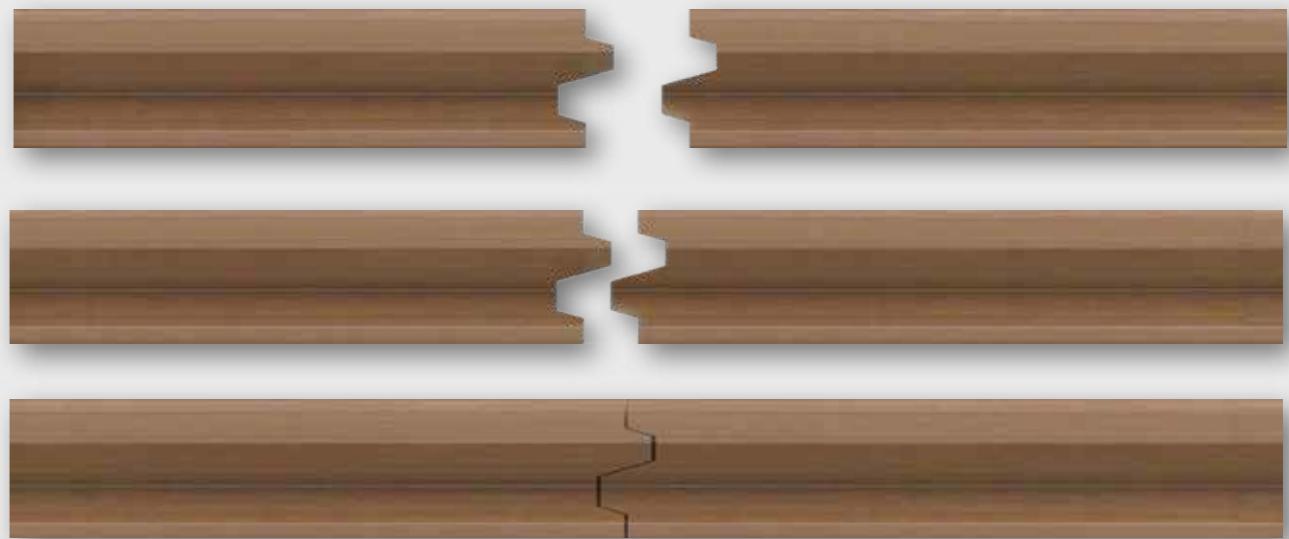
## END-MATCHING

Novawood leads the industry with an unwavering commitment to excellence in cladding solutions. The Methodical principle of perfect installation is central to their innovative approach, exemplified by the unique design and application detail they introduce.

End matching, a transformative design innovation by Novawood, not only enhances structural strength but ensures impeccable fixation with full-bearing conditions on the heads. This surpasses traditional standards, providing unparalleled stability in cladding installations.



End matching not only simplifies assembly for both professionals and DIY enthusiasts but also enhances aesthetic appeal, surpassing the expectations of architects, designers, and homeowners. Novawood's holistic approach ensures not just physical robustness but also coherence and longevity in design. This commitment signifies a paradigm shift in cladding solutions, setting new industry standards. In essence, Novawood's use of end matching represents a dedication to innovation, structural strength, easy assembly, aesthetic excellence, and overall integrity, redefining industry benchmarks universally.







**BURNBLOCK®**  
NATURAL & NON-TOXIC FIRE RETARDANT

#### WHAT IS BURNBLOCK® ?

Burnblock is a highly effective and non-toxic fire retardant application. Burnblock consists of completely natural ingredients in its patented formula. Thanks to the Burnblock process, oxygen is effectively prevented from reaching the wood cells and combustion cannot occur without oxygen. Burnblock is a highly effective and well-documented fire retardant. It is an application that does not leave any stains or marks, when applied correctly and makes the processed material ready for the next operations. Burnblock absorbed by the material being processed is left behind a surface that chars and can release water when heat is applied. This process absorbs some of the heat and helps prevent further fire occurrence and spread. Materials treated with burnblock are therefore protected against burning and flame spread. In order to ensure full fire resistance, Burnblock application must be sufficient not only on the wooden surface, but also on the sub-construction and all other materials (sub-construction, insulation, anchorage, etc.).

**Burnblock complies with all international fire resistance standards.**

Burnblock has tested and graded its wide range of tree species to the highest possible standard; EN13501-1:2007 - EN14135 , EN45545:2015 R1&R10

#### Is Burnblock a harmful practice for health?

The application of Burnblock does not require special safety equipment for health reasons, but some data indicate slight irritation if Burnblock accidentally comes into direct contact with the eyes. The Danish Institute of Technology considers this effect to be less than that of natural lemon and fruit juice. No significant health risks due to Burnblock ingredients are listed in the Danish Institute of Technology's Health Assessment.



Wood Specie	Density	Min. Thickness	Ventilated cavity	Reaction to fire-class
Nova - Ash	590-680	15-42 mm	40 mm	B - sl, d0
Nova - Pine	450-500	15-42 mm	40 mm	B - sl, d0
Nova - Ayous	269-374	15-42 mm	40 mm	B - sl, d0
Nova - Tulipwood	350-500	15-42 mm	40 mm	B - sl, d0

#### FIRE CLASSIFICATIONS

Grades	Smoke Formation	Fire Spread	Performance
A	-	-	Advanced Level
B	s1	d 0	Top Level
C	-	-	Upper Intermediate Level
D	-	-	Intermediate Level
E	-	-	Low Level
F	-	-	None

**Burnblock : Environmentally friendly and sustainable fire resistance**



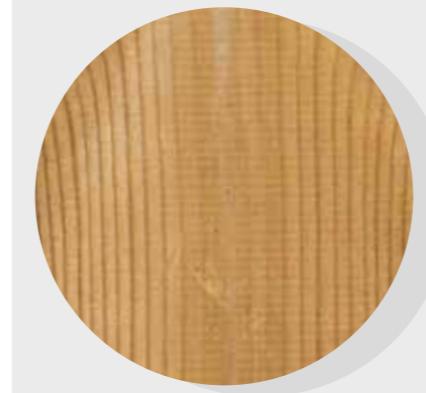
**BURNBLOCK Fire Retardant Powder**  
**BURNBLOCK**  
Version 3.1 / Renewel

	Basic	Bronze	Silver	Gold	Platinum
MATERIAL HEALTH				<input checked="" type="checkbox"/>	
MATERIAL REUTILIZATION				<input checked="" type="checkbox"/>	
RENEWABLE ENERGY				<input checked="" type="checkbox"/>	
WATER STEWARDSHIP				<input checked="" type="checkbox"/>	
SOCIAL FAIRNESS				<input checked="" type="checkbox"/>	



### SiOO:X,

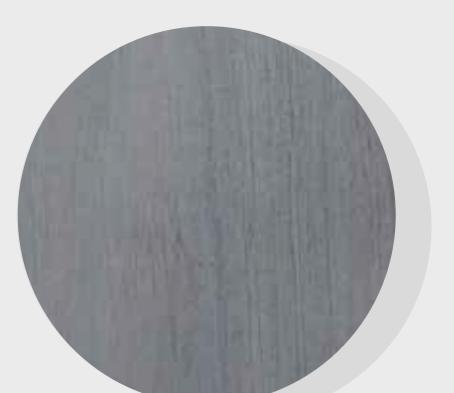
Introducing SiOO:X, a proven and effective system harnessing the power of silicone technology. This innovative solution is crafted to facilitate the natural graying of wood from the outset, offering flexibility with options in both light gray and medium gray cladding. Designed with special formulas tailored for achieving the trending natural gray and bleached wood color tones, SiOO:X allows you to infuse your living spaces with the authentic essence of wooden products. Particularly potent when applied to Thermowood products, it not only enhances surface performance but also ensures a long-lasting and natural aesthetic. The patented formula of SiOO:X goes beyond typical wood protection, unveiling silver-grey tones that mimic nature's own intelligent defense mechanisms. Preserving the natural color characteristics of wood for an impressive span of up to 15 years, this system establishes itself as a reliable choice. Its dynamic protective shield offers effective, multiple-layered protection against diverse climatic conditions, ensuring the longevity of wooden surfaces. Choose SiOO:X to imbue your wooden surfaces with a natural touch, achieving a contemporary aesthetic that stands the test of time.



Original



Light Grey



Mid Grey



Nova Croco

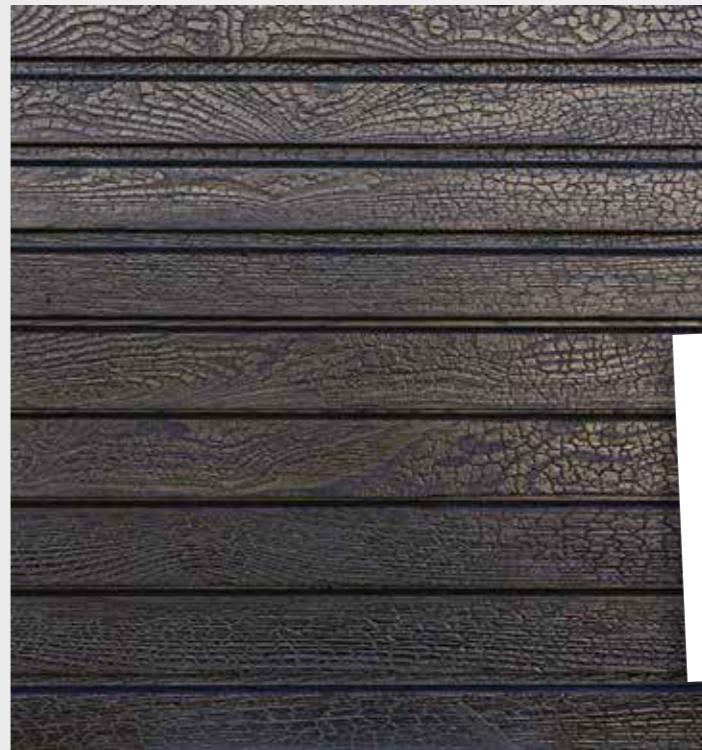
## NOVA-CROCO



Shou Sugi Ban, derives from an ancient Japanese exterior cladding treatment used to preserve the wood by charring it with the fire. The process forms a carbon layer on the exterior of the boards which protects the timber and reduces the maintenance need. Unlike this manual burning process, Nova-Croco is created with a unique process in a production line where the temperature rate is standardized. The special black texture of Nova-Croco is created not only by burning, but by applying a special solution in advance.

Afterwards the oil treatment is applied to the surface with a special varnish compatible with the exterior conditions. Thus, a semi-dull glossy appearance is obtained on the surface and the surface breakages are minimized. Discover Nova-Croco's nicely curved surface, unique beauty and special black texture.

For ash and pine trees, Nova-Croco application can be made in the desired size.



**novathermowood®** The new trend of facade cladding is waiting for you to be used in your black surface Nova-Croco designs and applications.



Atöyle T Architecture

Narven Termal Kasaba / Bolu  
Nova-Pine Cladding

“

Nova-Sunshade products offer are ideal solution and a modern cladding alternative for buildings that are exposed to sunlight throughout the day.



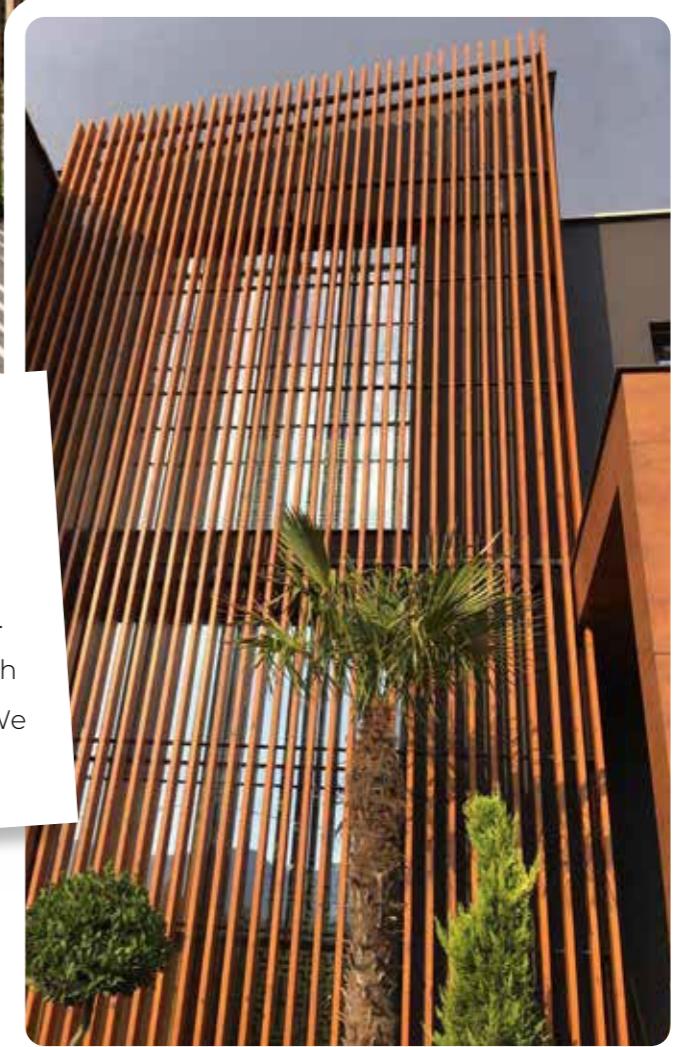
**SUNSHADE**  
& PERGOLA



Mortlock Timber  
Private Residence / Australia  
Nova-Ash Sunshade



**“**  
**novathermowood** While optimally benefiting from daylight, your living spaces will take on a striking beauty. Experience the comfort of wood with its useful and functional structure. We united shade and sun in wood.



**“**  
**novathermowood** Nova-Sunshades do more than simply protecting from the effects of the sun; but also add a decorative value to your living spaces.



Adis Arcon Ltd  
Private Residence / Israel  
Nova-Tulipwood Sunshade

**novathermewood®**  
Nova-Iroko Sunshade

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

**novathermewood®**  
Nova-Ash Sunshade

Thickness(mm)	Width(mm)	Length(mm)
20	40 / 52 / 62 / 90 / 112 / 130	800 - 3000
25	40 / 52 / 62 / 90 / 112 / 130	800 - 3000
40	40 / 52 / 62 / 90 / 112 / 130	800 - 3000

**novathermewood®**  
Nova-Tulipwood Sunshade

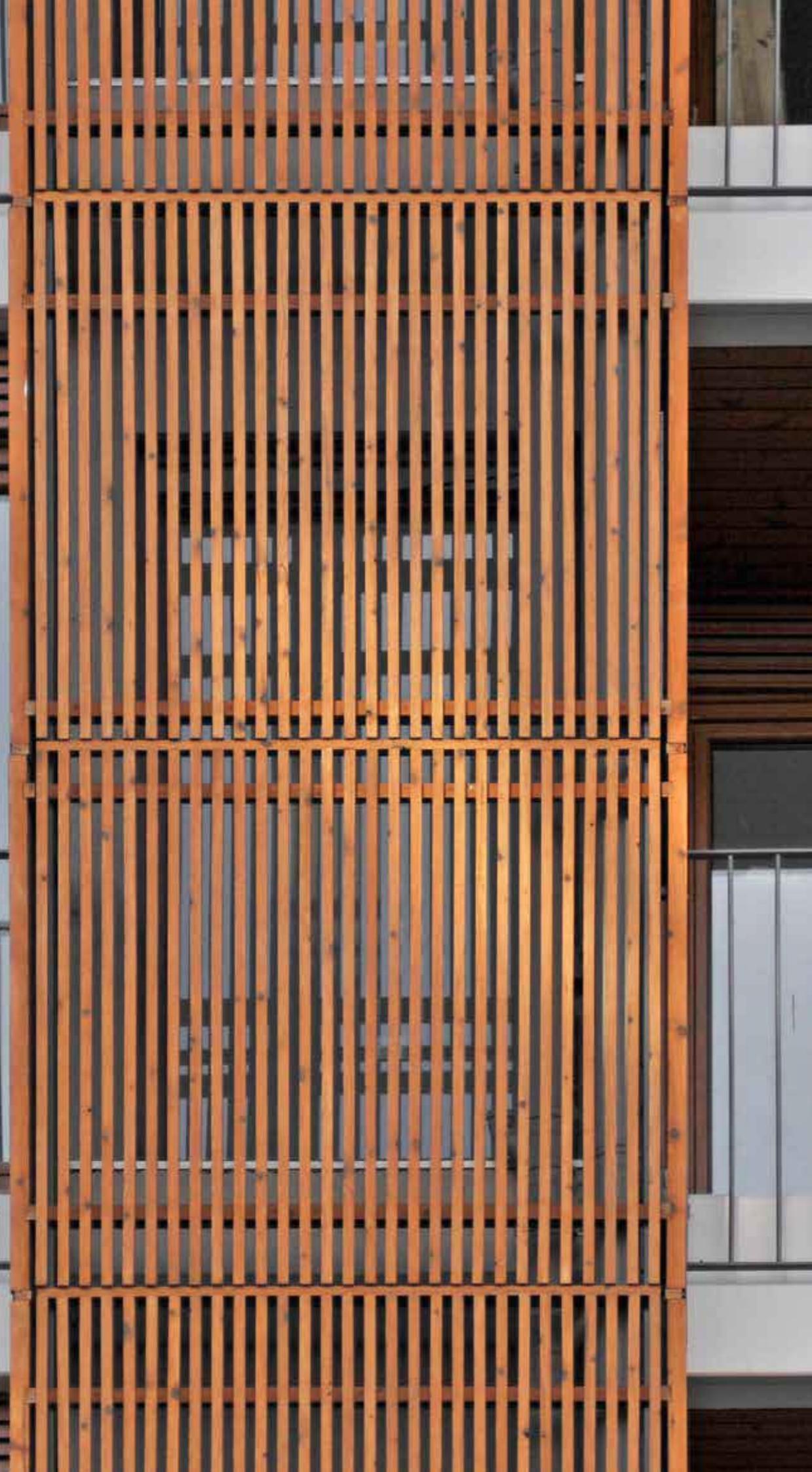
Thickness(mm)	Width(mm)	Length(mm)
20	42 / 65 / 130	1000 - 4200
42	42 / 65 / 130	1000 - 4200

**novathermewood®**  
Nova-Ayous Sunshade

Thickness(mm)	Width(mm)	Length(mm)
18	42 / 65 / 90 / 140	800 - 4000
20	42 / 65 / 90 / 140	800 - 4000
25	42 / 65 / 90 / 140	800 - 4000
42	42 / 65 / 90 / 140	800 - 4000

**novathermewood®**  
Nova-Pine Sunshade

Thickness(mm)	Width(mm)	Length(mm)
19	42 / 55 / 65 / 92 / 118 / 138	1000 - 5100
26	42 / 55 / 65 / 92 / 118 / 138	1000 - 5100
42	42 / 55 / 65 / 92 / 118 / 138	1000 - 5100



ROMBUS 15 °



ROMBUS 25 °



CLEAN



CLEAN GRAD



ROMBUS GRAD



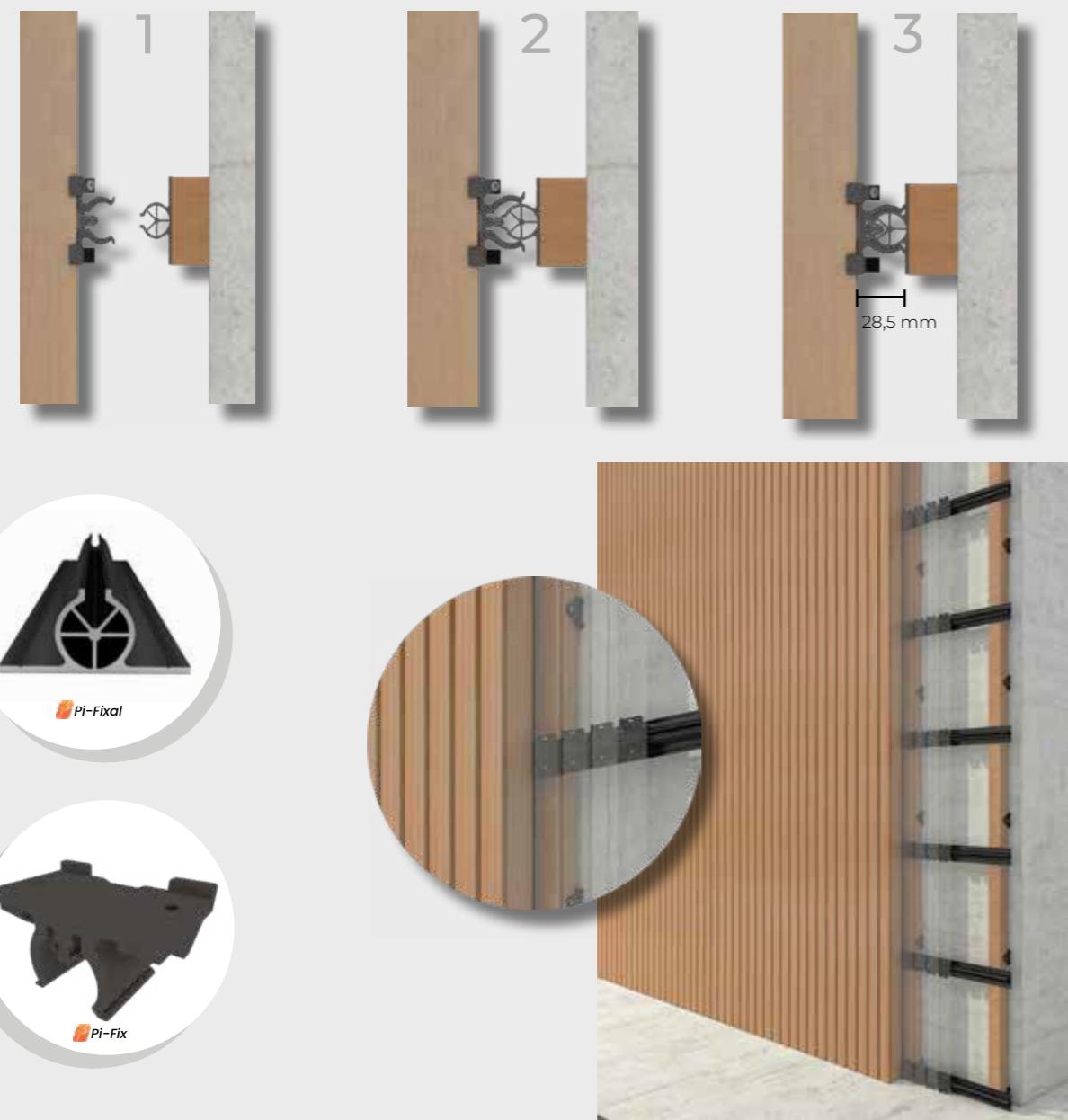
MORE GRAD



CLEAN

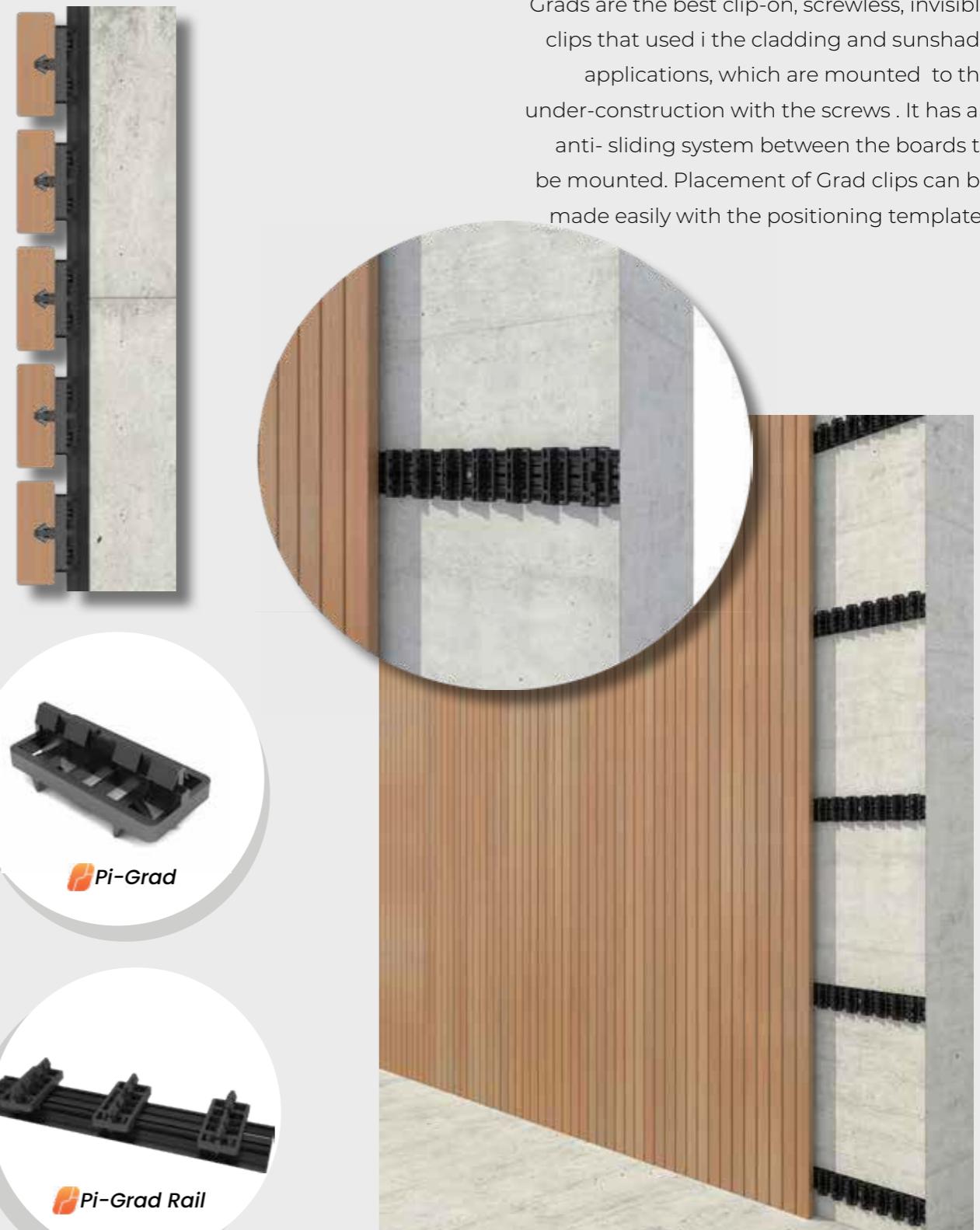
## **Pi-Fix** / **Pi-Fixal**

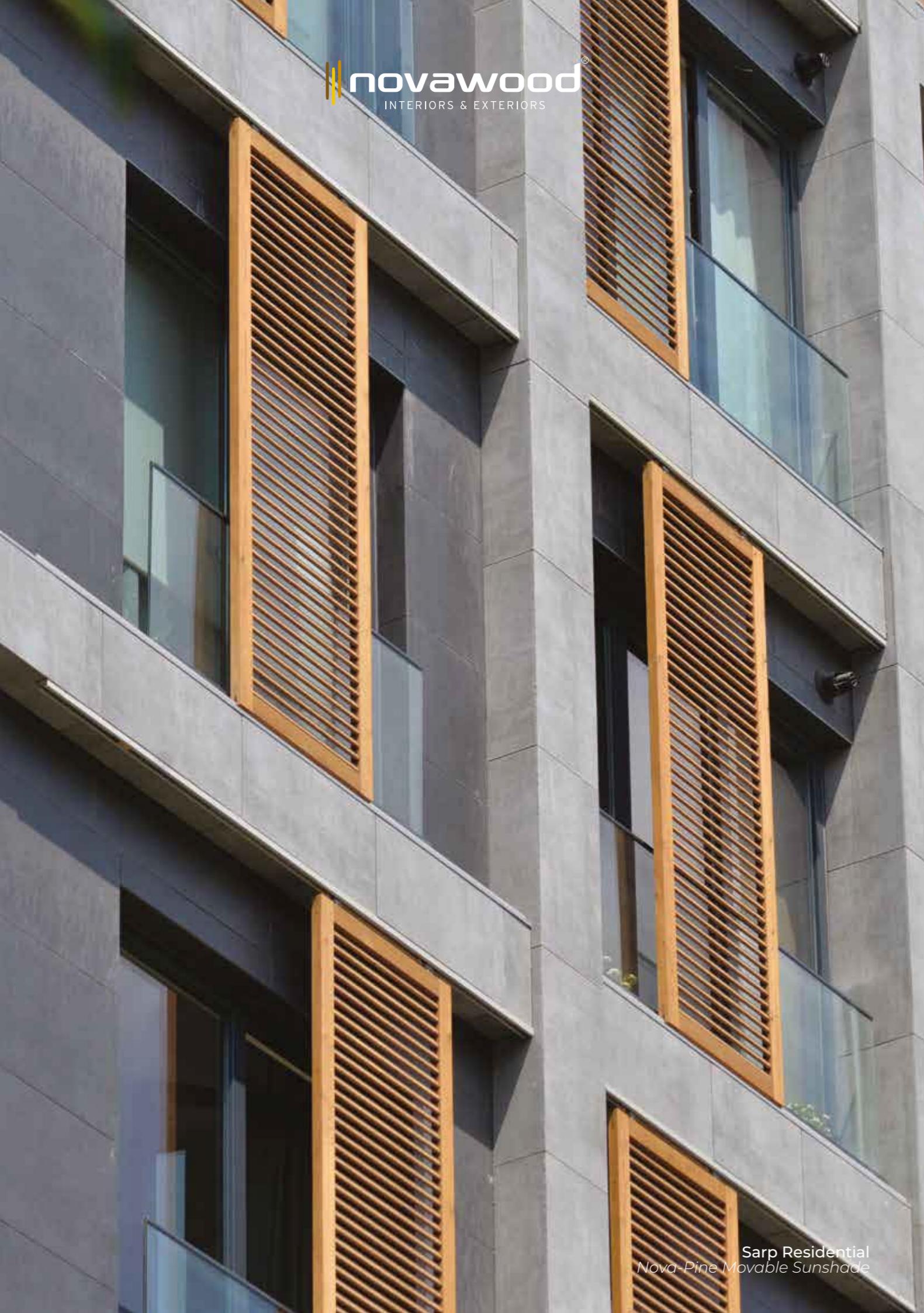
Pi-Fix, is one of our practical clips solutions that you can easily use in cladding, sunshade and ceiling applications. It is a hidden and practical mounting element with an aluminum under-construction (Pi-Fixal). It provides “push-fit and locking” with the help of its unique form and the centering and mounting feature. It allows local change and renewal without damaging the under-construction. Pi-Fix is used in indoor and outdoor applications, by mounting on the under-construction at certain desired distances. The distance setting can be adjusted according to the project and usage request. It allows the assembly of the products of all sizes. The design supports the flexible mounting model.



## **Pi-Grad** / **Pi-Grad Rail**

Grads are the best clip-on, screwless, invisible clips that used in the cladding and sunshade applications, which are mounted to the under-construction with the screws. It has an anti-sliding system between the boards to be mounted. Placement of Grad clips can be made easily with the positioning templates





Sarp Residential  
Nova-Pine Movable Sunshade



**NW-KK-1**



**NW-KK-2**



**NW-KK-3**

“

**novathermewood** Enhancing your living space with the charm of nature, our wooden shutter systems are a delightful addition to your home. Crafted from exclusive novathermewood materials, these shutters infuse a sense of peace and warmth into your surroundings with their rich, warm tones. The natural wood texture adds a unique character to each window, providing not only protection against external elements but also creating a warm and inviting atmosphere in your home.



**NW-KY-1**



**NW-KY-4**



**NW-KY-5**

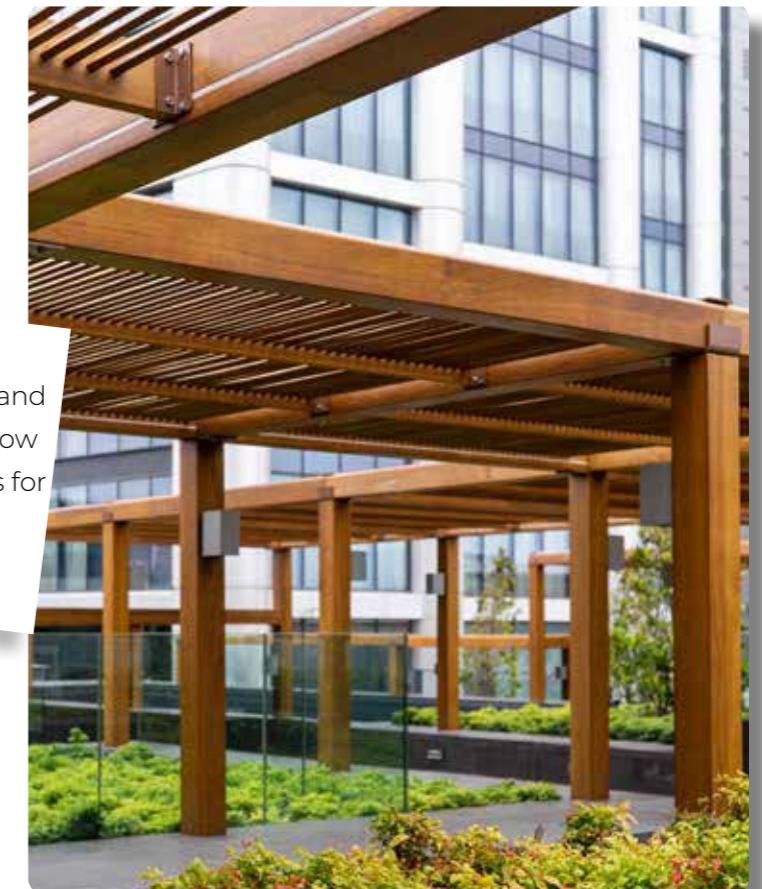
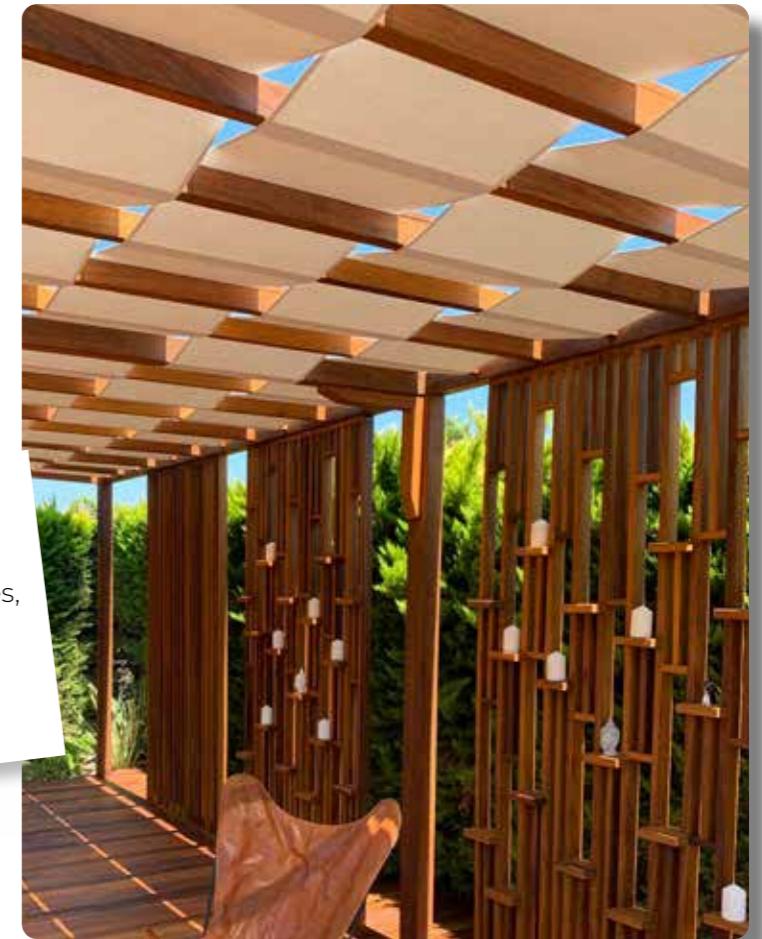


Nova-Pergola is one of the very special solutions that will add elegance and value to your spaces.

Nova-Pergola, which you can use for shading in areas where you rest, relax and enjoy, as well as for purely aesthetic reasons, will fascinate those who see it with its elegance.

“ As lamination process is applied to have large sizes, products in special sizes can be provided for your projects.

“ Nova-Pergola is a natural and useful solution that will allow you to use unique designs for garden decorations.





Norman Robert Foster  
Karaoğlu Peyzaj

Emaar Address Istanbul  
Nova-Iroko Pergola / Decking

“

Novawood manufactures easy-to-be installed ceiling systems to create beautiful and breathtaking ceilings according to your specification to satisfy all your required needs.

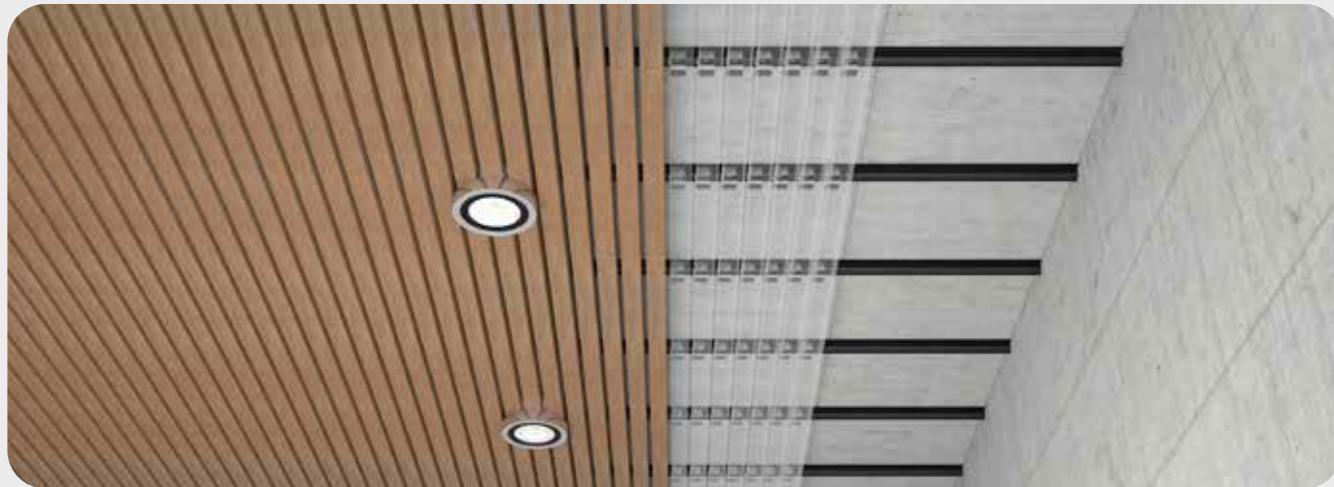


## CEILING SYSTEMS

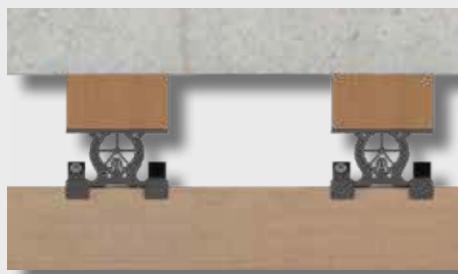


Adis Arcon Ltd. / Israel

## Pi-Fixal / Pi-Fix



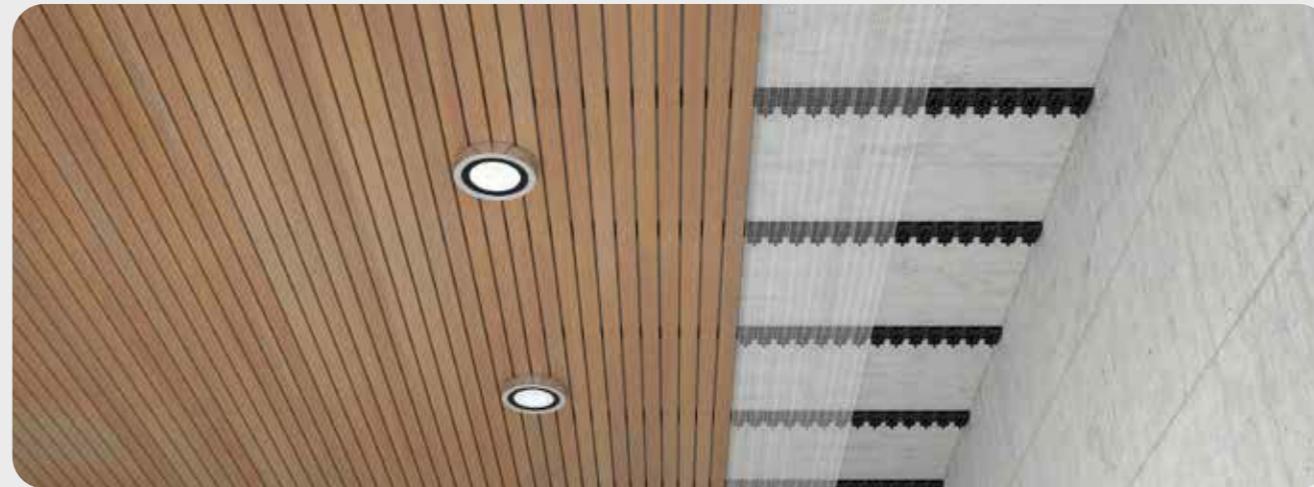
It is a plastic mounting element with an aluminum under-construction (with base) used in under-construction assembly that allows local change and renewal. The product is used for fixing various ceiling woods boards on the under-construction at desired distances. Using an additional measuring equipment such as a template for the distance adjustment on the wood will provide ease of assembly. This setting can be changed flexibly after installation, in all sizes, when assembled.



### DIMENSIONS

Wood Species	Thickness (mm)	Width (mm)	Length (mm)
TMT Pine	40	40 / 55 / 65 / 90	1000 - 5100
TMT Ayous	40	40 / 60 / 90	800 - 4000
TMT Ash	40	40 / 90	800 - 3000

## Pi-Grad Rail / Pi-Grad



Grads stand out as the ultimate choice for ceiling applications, offering a clip-on, screwless, and virtually invisible solution. With an ingenious anti-sliding system strategically placed between the boards to be mounted, Grads ensures stability and durability in any ceiling installation. The effortless placement of Grad clips is further facilitated by convenient positioning templates, simplifying the installation process for a flawless outcome.



DOUBLE GRAD



SINGLE GRAD

### DIMENSIONS

Wood Species	Thickness (mm)	Width (mm) Single	Width (mm) Double	Length (mm)
TMT Pine	19 / 26	42 / 52	90	1000 - 5100
TMT Ayous	20	42	90	800 - 4000
TMT Tulipwood	20	42	65	1000 - 4200
TMT Oak	20	40	65	800 - 3000

“

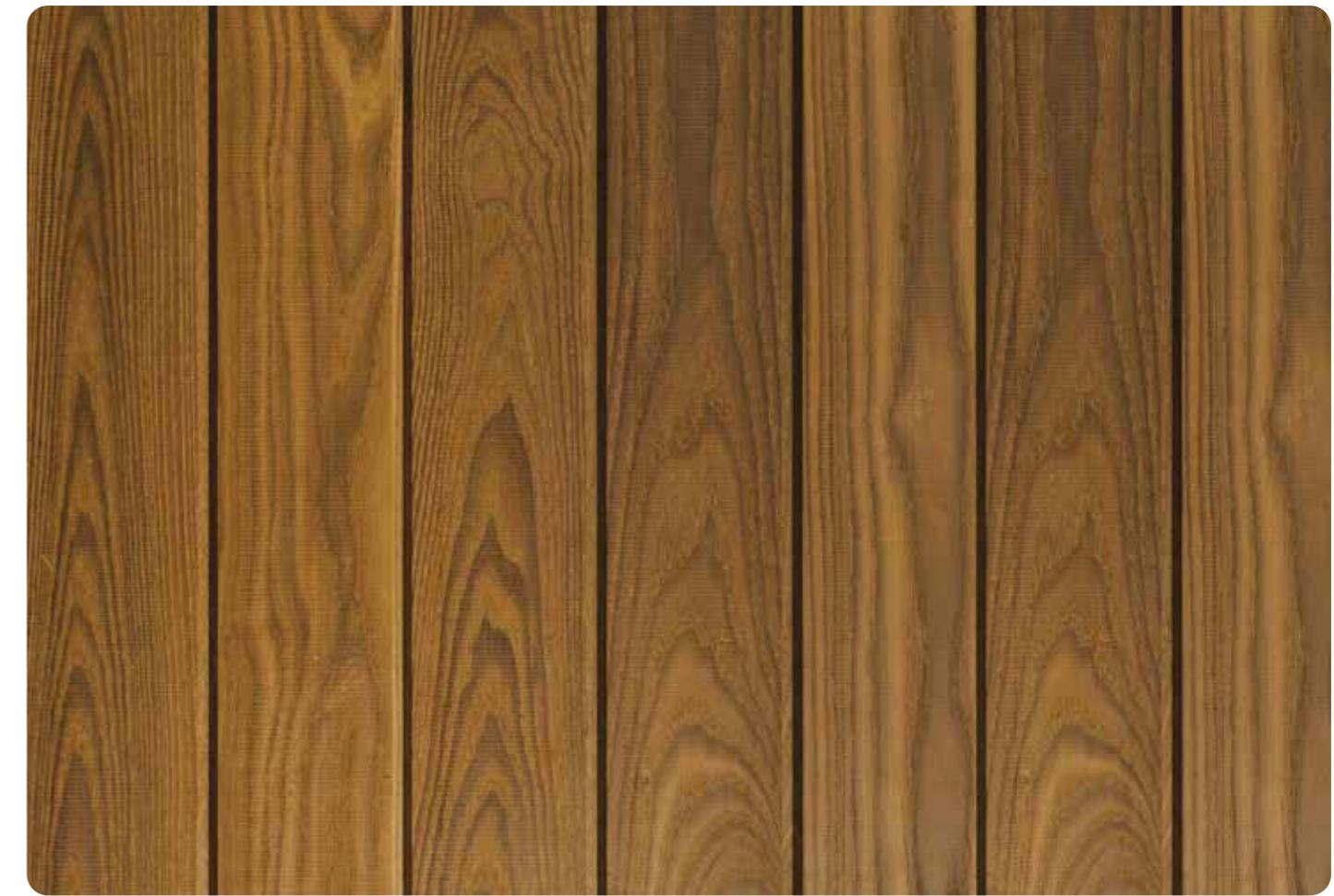
Choose the most suitable product for you from the Nova-Deck portfolio, enjoy life with a natural product that you will not give up stepping on for years.



**NOVA**  
DECKING



Nova-Ash Decking/ Austria



### NOVA-ASH DECKING

Nova-Ash decking turns out to be an indispensable product for outdoor usage with its 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.



**novathermowood** 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



Private Residence / CANADA  
Nova-Pine Decking



### 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



**novawood**  
INTERIORS & EXTERIORS

Tabanlioğlu Architecture  
Rixos Premium Dubrovnik/ Croatia  
Nova-Iroko Decking

novathermowood®

DECKING PROFILE TYPES



CLEAN



CLEAN CLIPS



GROOVE



GROOVE CLIPS



ANTISLIP



ANTISLIP CLIPS



CONVEX



CONVEX CLIPS



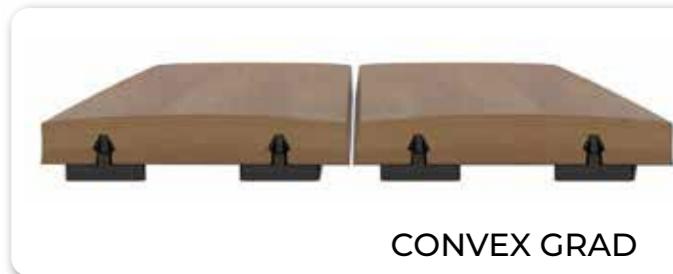
MARIN



TENI CLIPS



CLEAN GRAD



CONVEX GRAD

## **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-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

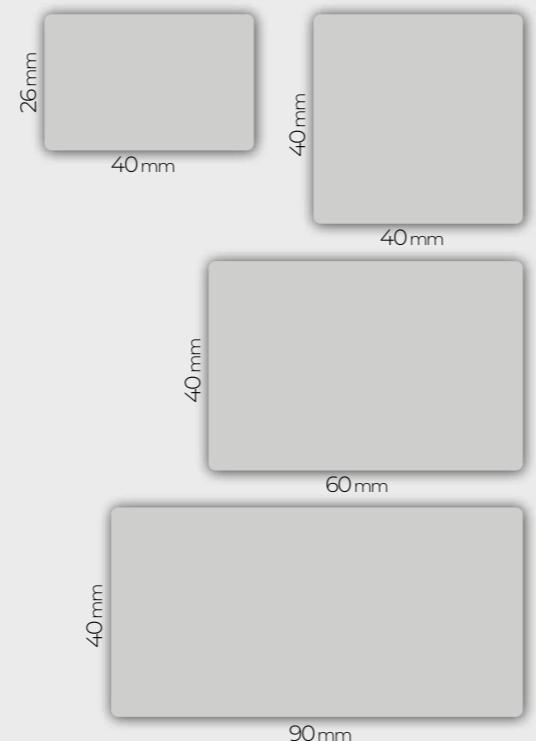
Novawood creates under-construction solutions in various sizes in order to ensure that the substructure of your decking are the right products that you get the optimum benefit in your applications. Under-construction forms the base of the decking, which necessitates utmost care in the selection of materials.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



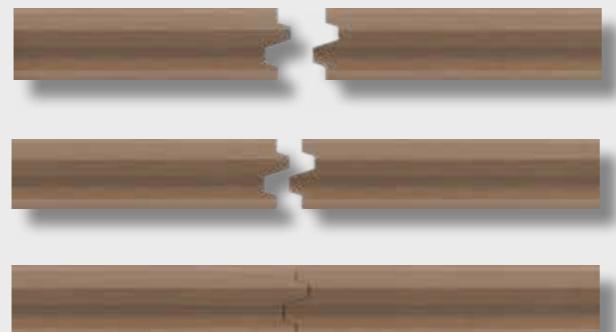
### ► Under-Construction Profiles



Wood species	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.



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

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

### ► 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.

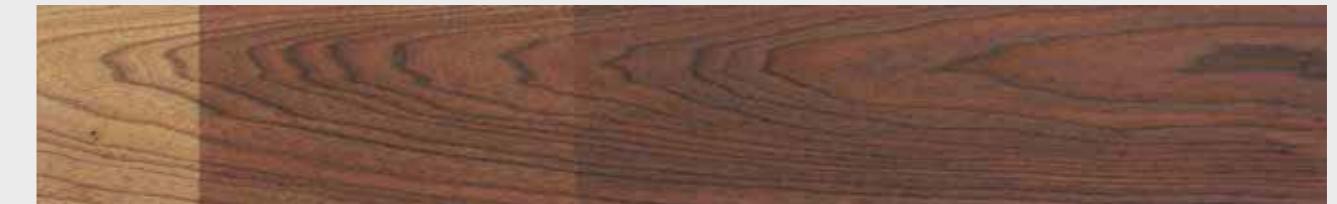


## OILING

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



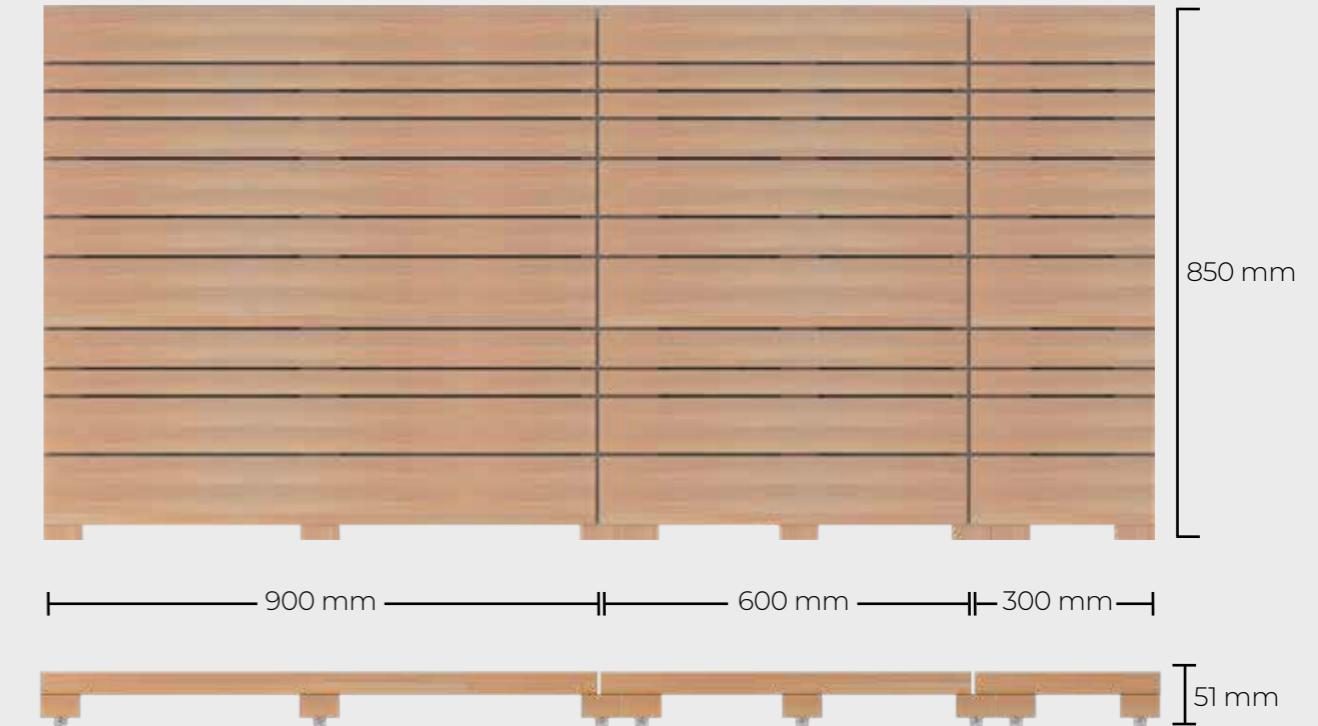




Nova Random Deck offers a unique combination of different lengths and widths, allowing for a variety of uses. Its versatility lies in its ability to combine these different sizes, with possibilities for creating custom patterns. In addition to being environmentally friendly and natural decking with a 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 species	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


 Private Residence / Bursa  
 Nova-Ash Tile Decking


**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 densified 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 species	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 lower plastic material is 15 mm.

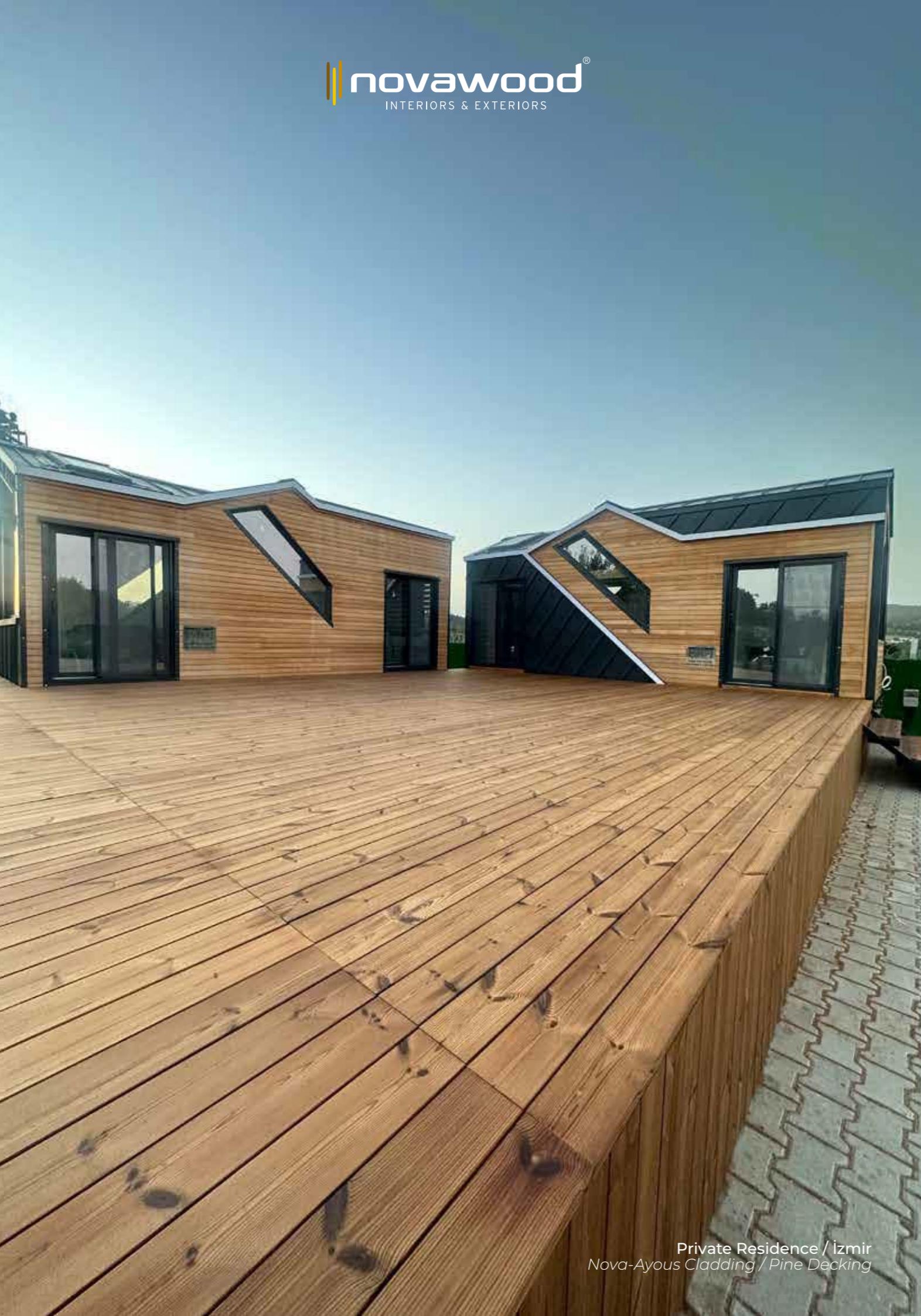


“

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



## ALTERNATIVE USES



Private Residence / Izmir  
Nova-Ayous Cladding / Pine Decking

## 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.



Atölye A Architecture

Cornelia Diamond Golf Resort SPA  
Nova-Iroko Decking / Cladding

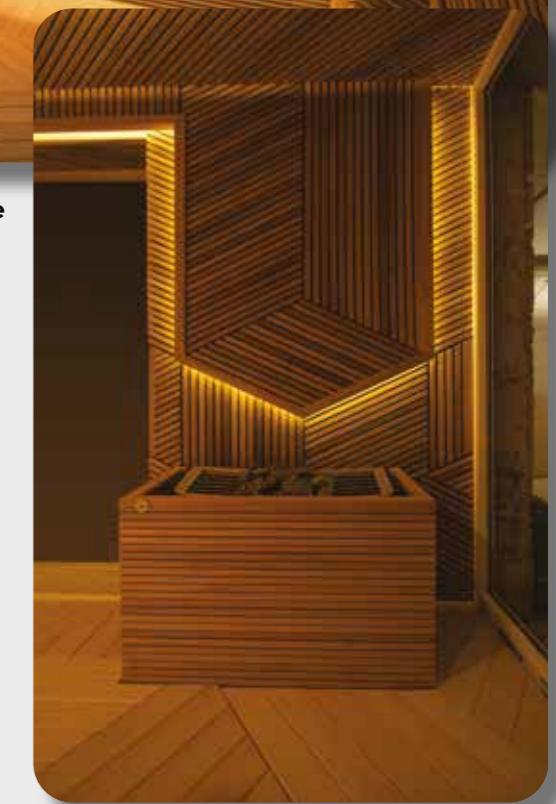
## SPA / SAUNA



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 Species	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

## 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.



“

Feel the privilege of turning back to the “natural” with different tree types and window scantlings produced in different sizes.

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

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

Wood Species	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.



Ptm Peyzaj



On Tasarım



Caps Office

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.





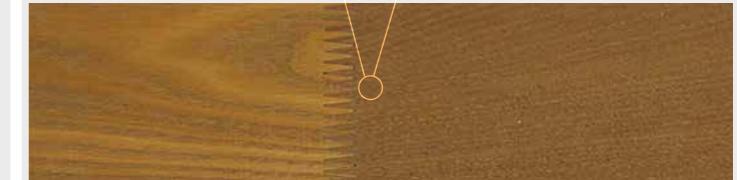
## LAMINATION

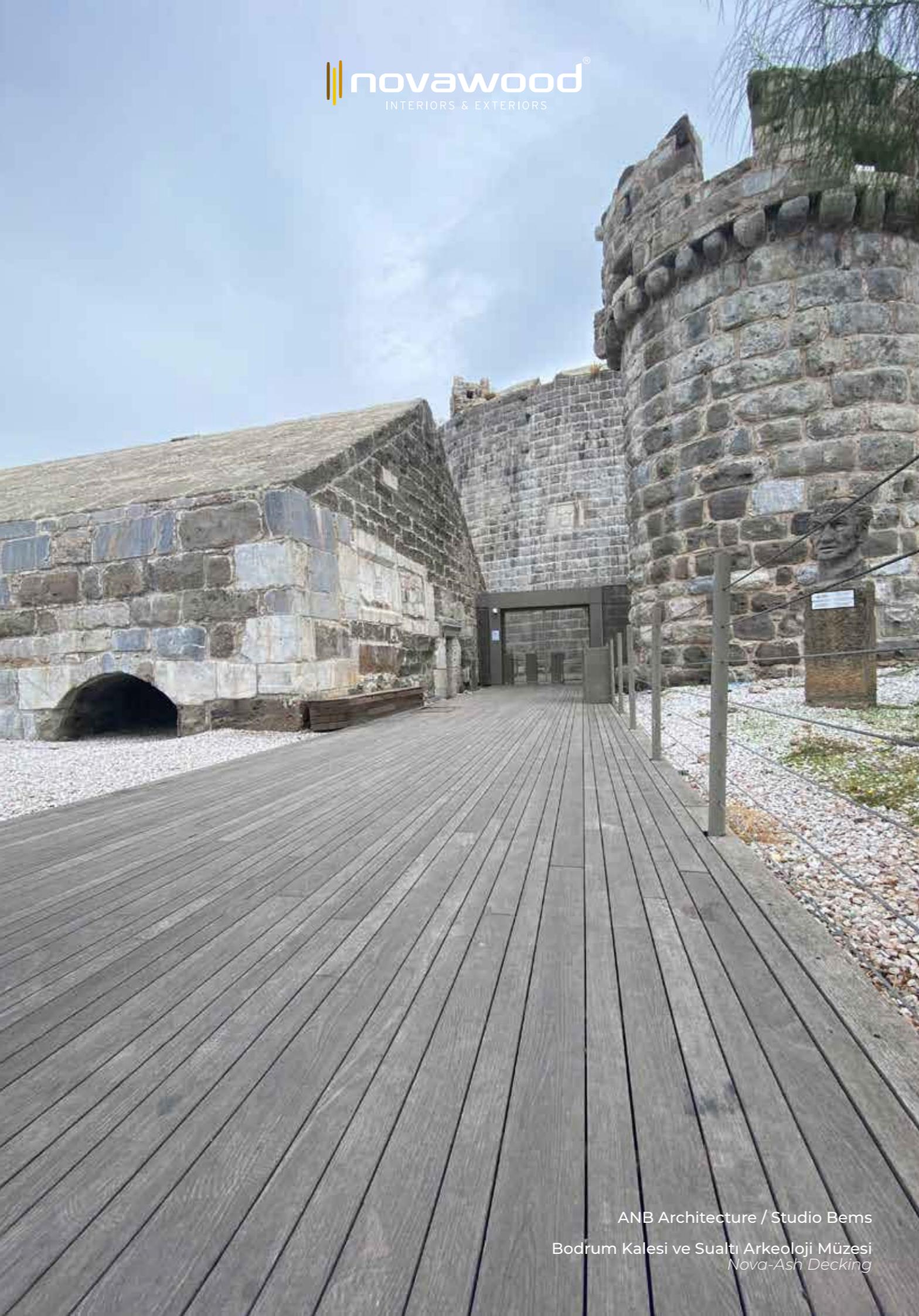
Nova-laminated products enable to achieve desired dimensions for applications that require larger sizes of wood such as under-construction, pergola, door and window scantlings, and hand rail. Novawood laminated boards are bonded together with MUF (Melamine Urea Formaldehyde) glue, which is an enduring 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





ANB Architecture / Studio Bems  
Bodrum Kalesi ve Sultani Arkeoloji Müzesi  
Nova-Ash 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.





## 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 Species	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



## 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.





Emre Arolat Architecture / DS Architecture Peyzaj

7800 Çeşme / İzmir  
Nova-Pine Sunshade / Cladding





Tuna Architecture  
Photo, ZM Yasa

Private Residence / Izmir  
Nova-Ayous Cladding



Emre Arolat Architecture, DS Architecture Peyzaj

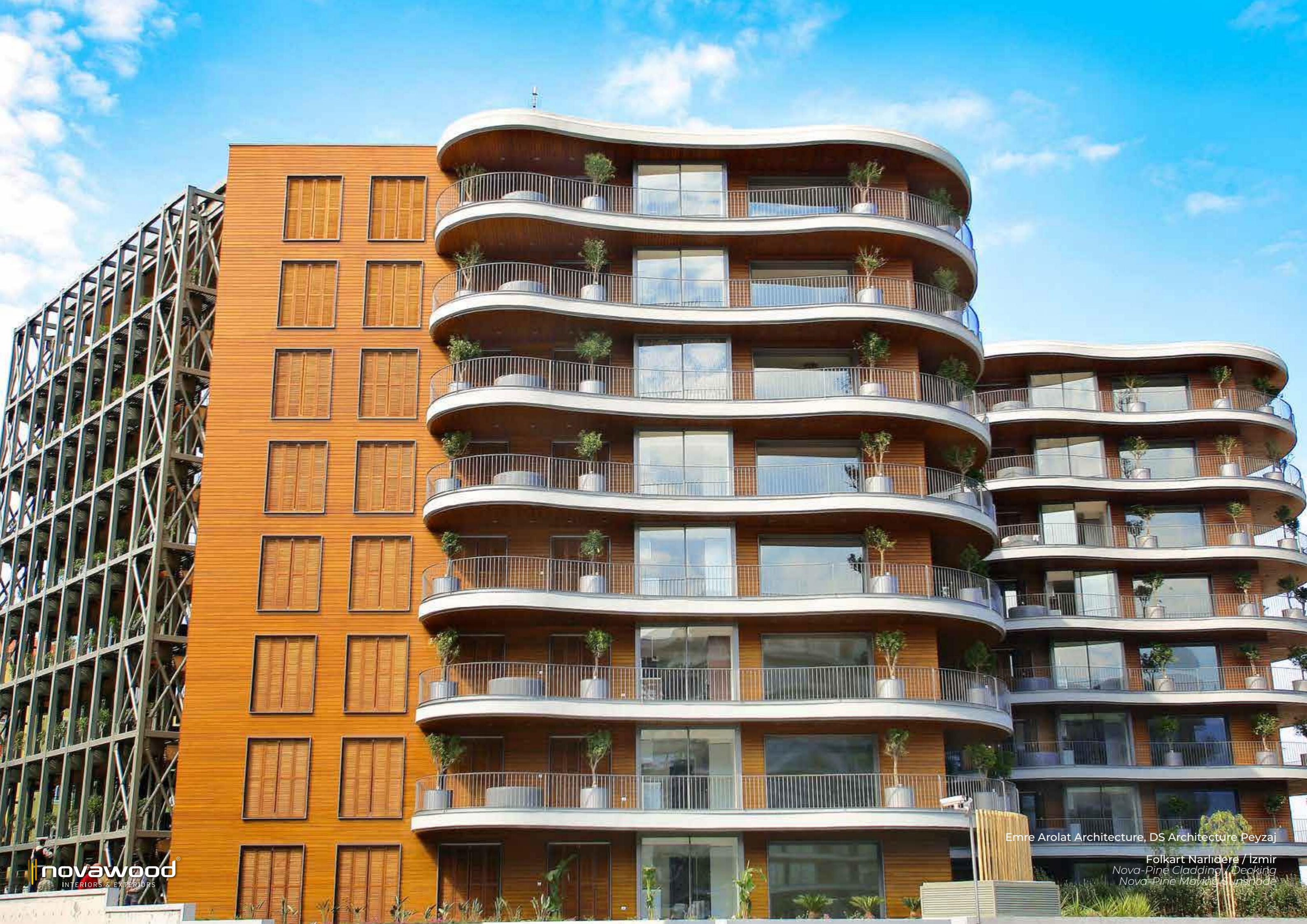
Vicem Villas / Bodrum  
Nova-Iroko Sunshade / Decking





Bago Architecture  
Photo, ZM Yasa

Private Residence / Izmir  
Nova-Ayous Sunshade



Emre Arolat Architecture, DS Architecture Peyzaj

Folkart Narlidere / Izmir  
Nova-Pine Cladding/Decking  
Nova-Pine Moving Sunshade



Evren Başbuğ Architecture  
Photo, ZM Yasa

Bostanlı Sahil / Izmir  
Nova-Ash Decking





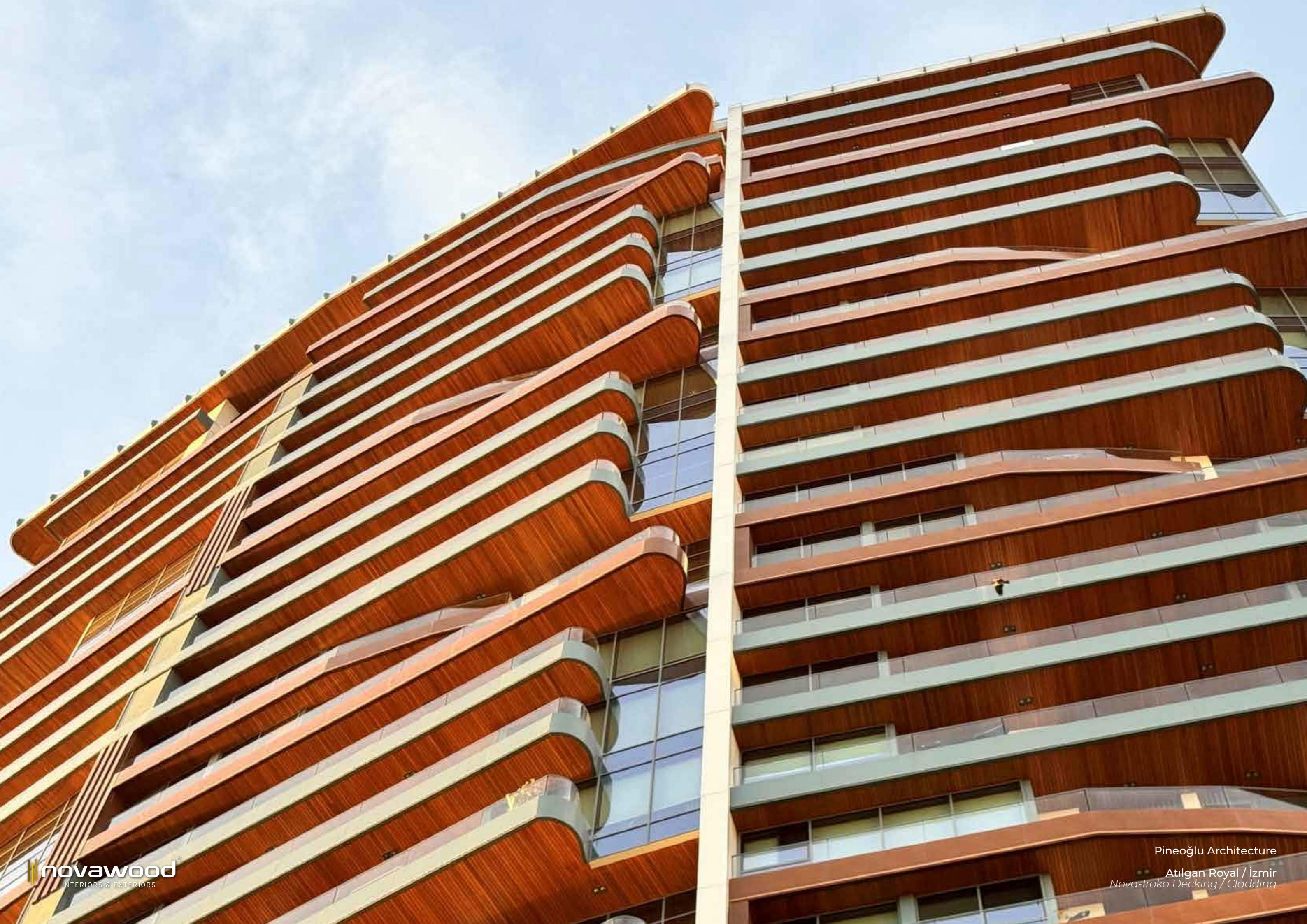
BAD Design  
Photo, ZM Yasa

Private Residence / izmir  
Nova-Pine Cladding



















- 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





*Rooted in sustainability, crafting a greener future*



## NOVA ORMAN ÜRÜNLERİ SAN. TİC. A.Ş.

### **Head Office**

Küçük Çamlıca Mah. Bulgurlu Cad. No:32  
34696 Üsküdar / İstanbul / Türkiye  
+90 (216) 545 66 82  
[www.novawood.com](http://www.novawood.com)

### **Factory**

Gerede Organize Sanayi Bİgesi  
No: 101 Gerede / Bolu / Türkiye