

THERMALLY MODIFIED REAL WOOD DECKING BOARDS AND MODULAR SYSTEMS

2026/2027 standard assortments



Thermory thermo-pine decking, Marienholmi
Apartment Buildings, Estonia. Photo: Karl Kasepõld

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We are Thermory

Thermory is a world leader in the thermal modification of wood

For nearly 30 years, we have been refining our products and technology through continuous development and close collaboration with architects, designers, universities and leading finishing partners. The result is a range of high-quality and long-lasting solutions.



THERMORY.COM

Why Thermory?

NATURAL WOOD THAT MEETS MODERN BUILDING REQUIREMENTS

Thermally modified wood combines natural beauty with reliable performance. Using only heat and steam, the process enhances dimensional stability and durability.

CONSISTENT QUALITY YOU CAN TRUST

Thermory products are supported by thorough testing, technical documentation and certifications, ensuring reliable and predictable performance.

PROVEN PERFORMANCE IN ALL CLIMATES

Thermory materials have been used in projects around the world and across different climate zones for decades. These references confirm reliable performance in real-life conditions.

DURABILITY DESIGNED FOR DECADES

Thermal modification improves stability and resistance to moisture, insects and decay.

RESPONSIBLY SOURCED AND TRANSPARENTLY DOCUMENTED

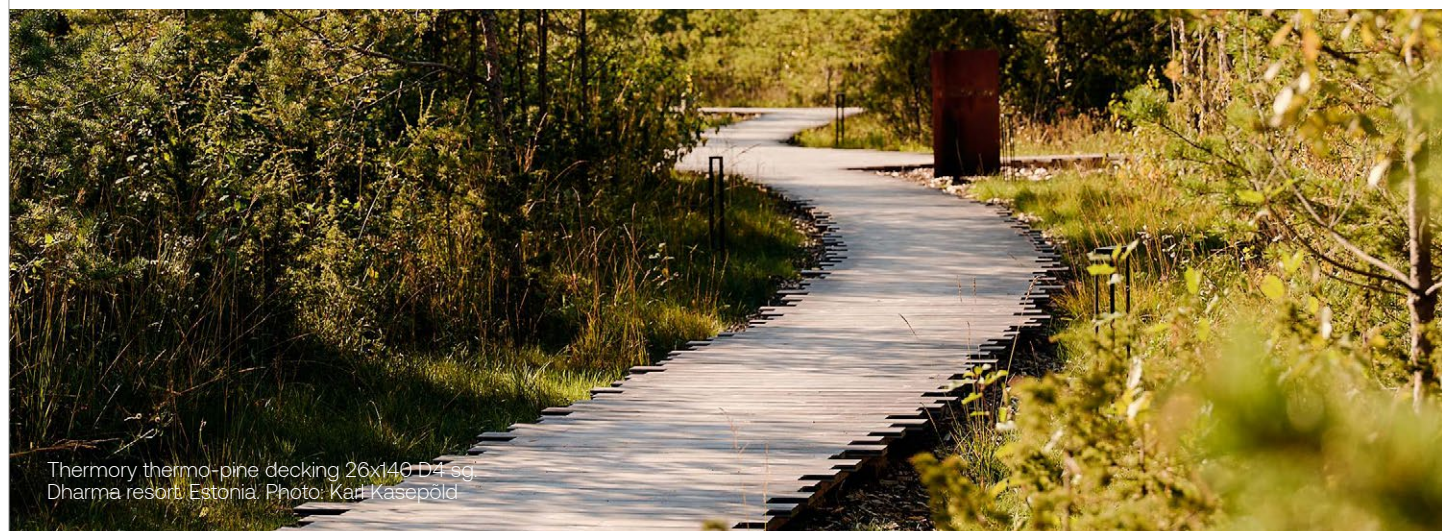
Thermory wood is sourced from responsibly managed forests and supported by FSC and PEFC certifications. EPDs provide transparent environmental data for informed, responsible choices.

THERMORY IS A TRUE ALL-IN-ONE PARTNER

From a wide range of species and profiles to advanced finger-jointing, machining and finishing options, Thermory offers true flexibility. We don't just sell standard products - we work with our partners to deliver the right solution for every project.

BUILT FOR DEMANDING PROJECTS

Thermory products are designed with installers and builders in mind. Straight boards, stable material, smart profiles, hidden fastening systems and finger-jointed options help ensure faster installation, predictable material usage and aesthetically clean result.



Thermory thermo-pine decking 26x146 D4 sg.
Dharma resort, Estonia. Photo: Karl Kasepõld



Thermory thermo-ash decking D4 sg2 20x132.
Päskste private house, Estonia. Photo: Tõnu Tunnel



Thermory thermo-pine decking 28x140 D4 sg
Dharma resort, Estonia. Photo: Karl Kasepõld

Thermal modification

We enhance wood using only heat and steam



We enhance wood naturally using only heat and steam—no chemicals are added at any stage.



Unlike chemical impregnation, thermal modification improves the entire board, not just the surface—resulting in consistent stability and durability.



The process takes place in a controlled heating chamber, monitored by advanced sensors and managed by experienced specialists.



Thermory's process has been developed many years and is tailored to each wood species and its intended use.



Heat triggers natural physical and chemical changes in the wood, while moisture levels are carefully controlled to ensure optimal results.

READ MORE
ABOUT THERMAL
MODIFICATION



HEATING / DRYING

By slowly adding heat, the moisture content of the wood is reduced.



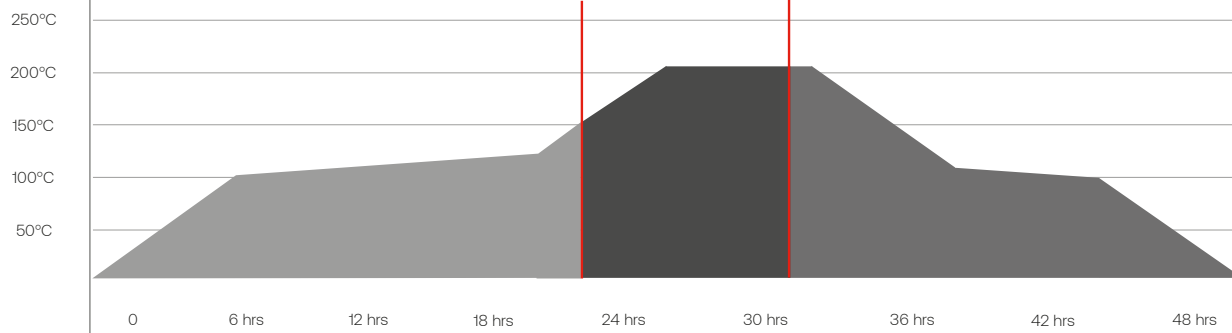
THERMAL MODIFICATION

The wood is heated up to 190–215°C and held at the peak temperature for several hours.



COOLING AND CONDITONING

The wood is cooled down and re-moisturized to bring it to the appropriate moisture level for its end use.



Thermally modified wood benefits



HIGH DURABILITY

Achieves high durability class according to EN standards



DIMENSIONAL STABILITY

Improved dimensional stability in changing climates.



LIGHTER MATERIAL

Wood's lower moisture content makes it lighter



CHEMICAL-FREE MODIFICATION

Modified using heat and steam only



REDUCED HEAT ABSORPTION

Surface heats up less in direct sunlight compared to many materials



STANDARD WASTE HANDLING

Can be handled as untreated wood waste (check local regulations)

Certifications and testing

Independent verification and documented performance

Thermory products are tested according to recognised international standards to verify their performance, durability and quality. FSC® and PEFC™ certified products are available for selected product ranges upon request. Product-specific certifications and technical documentation are available where applicable. Our manufacturing processes follow strict quality control procedures, and our products are supported by technical documentation, test reports and declarations where relevant.



Photo: Dainius Urbanavicius (Unsplash)

Declaration of Performance (DoP) and CE marking

The declaration of Performance gives information about product quality, and the CE label assures customers that products conform with the EN 14915 standard.



Programme for the Endorsement of Forest Certification (PEFC)

Most of our softwood comes from PEFC-certified forestry. PEFC is a worldwide federation of national forest certification systems.



Forest Stewardship Council® (FSC®)

As a pioneer of forest certification, the FSC has 25 years' experience in sustainable forest management. FSC is the major advocate for better forest management.



Our products' durability has been tested by CATAS

CATAS is one of the largest testing and applied research laboratories in Europe.



Environmental Product Declaration (EPD)

Environmental Product Declaration is a document that provides transparent information about the environmental impact of any product or material during its lifetime.



Fire-retardant wood

Selected species of Thermory thermally modified wood are available with fire-retardant properties, in collaboration with Woodsafe Timber Protection. Improve your Thermory decking with durable fire protection.

WOODSAFE®



READ MORE ABOUT
CERTIFICATIONS
AND TESTING



Thermory wood species for decking

From rich dark hardwood to golden softwood

Thermory offers thermally modified real wood products in a wide range of profiles and dimensions. For decking, the best choices include durable and refined hardwood ash, alongside softwoods such as pine and spruce, valued for their warm golden-brown tones and natural knot character.

THERMO-ASH

A HIGH-PERFORMANCE HARDWOOD THAT EXCEEDS EXPECTATIONS

Thermory's thermally modified ash products are a hardwood solution offering exceptional rot resistance and longevity combined with a clear face and a rich brown color.

COLLECTIONS: Benchmark, Vivid Oiled, Herringbone, Flow, Quick Deck



THERMO-OAK

AN EXCLUSIVE HARDWOOD WITH INHERENT BEAUTY AND SOPHISTICATION

This attractive reddish-brown decking is designed for those seeking nothing less than the best in quality and style. Thermo-oak features the same superior durability as thermo-ash.

COLLECTIONS: Benchmark, Vivid Oiled

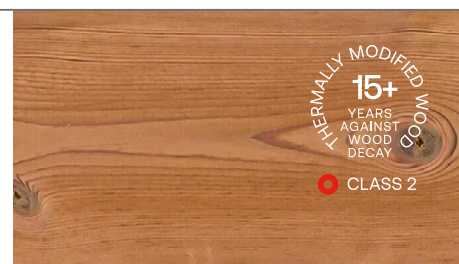


THERMO-PINE

THE NEW DURABILITY STANDARD FOR SOFTWOOD

The natural look of thermally modified pine is golden-brown, with distinctive knots. Thermal modification adds decades of rot resistance to this softwood without using any chemicals. Perfectly suited for our Deck Modules solutions (see page 22).

COLLECTIONS: Benchmark, Vivid Oiled

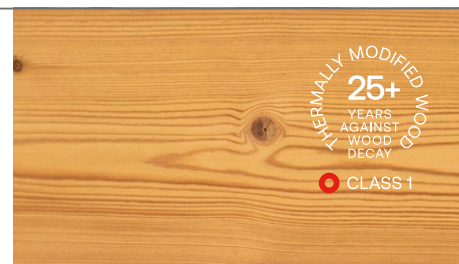


THERMO-SPRUCE

A DURABLE SOFTWOOD WITH RUSTIC CHARM

Spruce, sourced in Scandinavia and thermally modified by Thermory, offers a softwood solution with exceptional rot resistance and longevity combined with rustic knots and a naturally light golden-brown color. Available in wider board dimensions, it enables a more seamless and expressive decking design.

COLLECTIONS: Benchmark, Vivid Oiled



READ MORE ABOUT
THE GRADING RULES
FOR EACH WOOD
SPECIES



DISCOVER MORE
ABOUT OUR WOOD
SPECIES



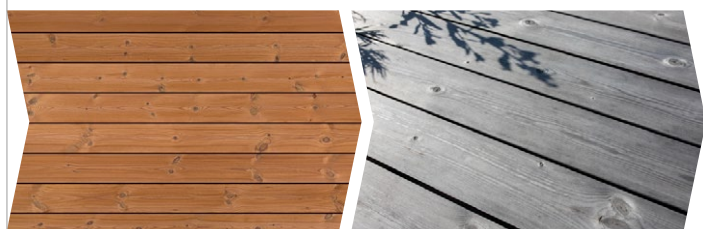
Natural color evolution of decking

Every natural, unfinished wood weathers to a soft grey over time

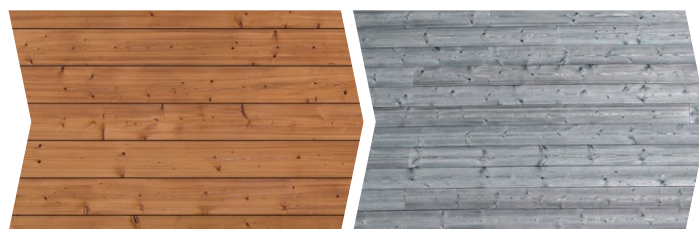
Greying is a natural process that changes the colour of the wood, but not its durability. If you appreciate this natural look, the wood can be left to age gracefully without treatment. For those who wish to preserve the original tone of thermally modified wood, we recommend using products from the Vivid Oiled range.

As a natural material, wood weathers naturally over time. The rate of greying depends on exposure to sunlight, rain and other weather conditions. Even without oiling, we recommend cleaning the surface once a year to remove dirt and maintain a fresh, well-kept appearance.

THERMO-PINE



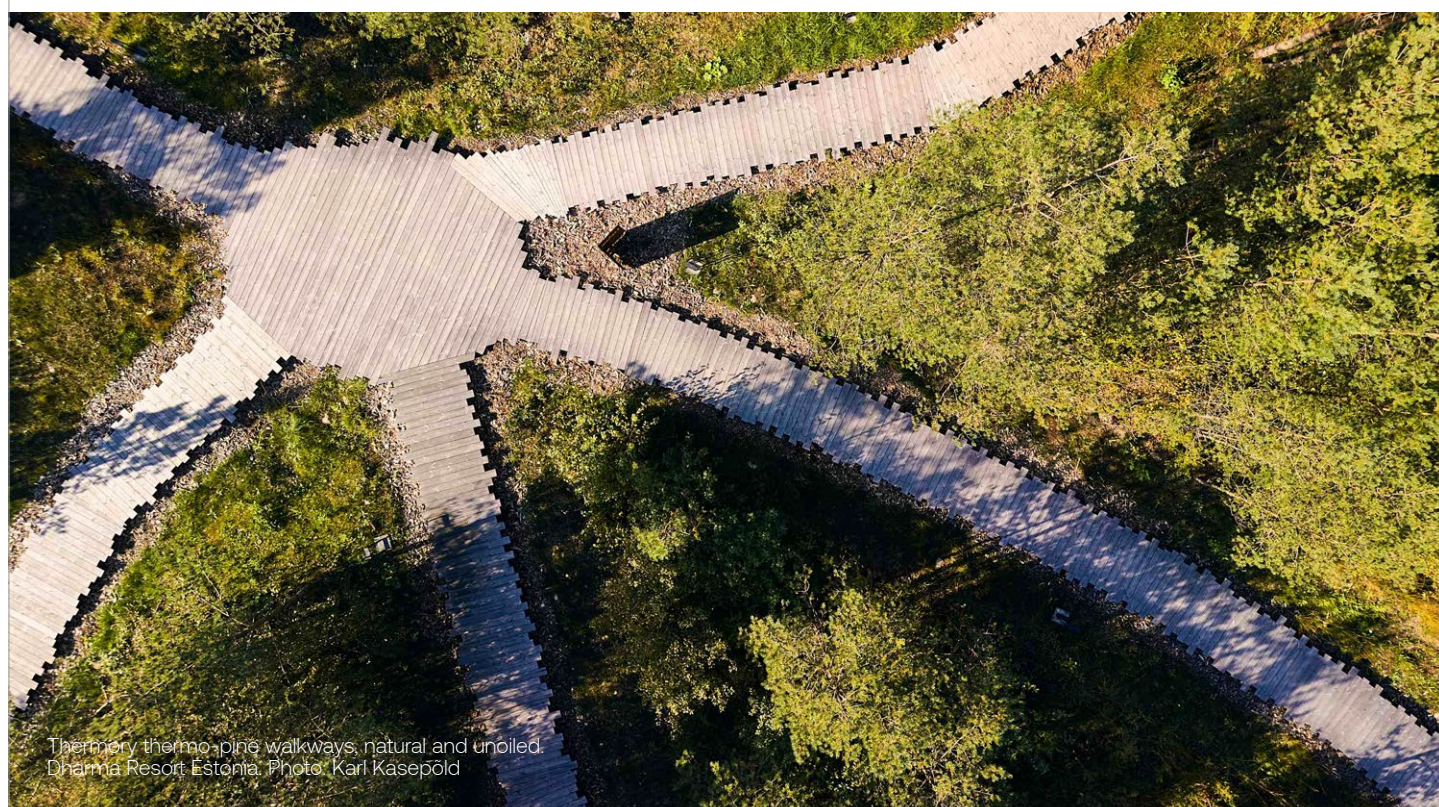
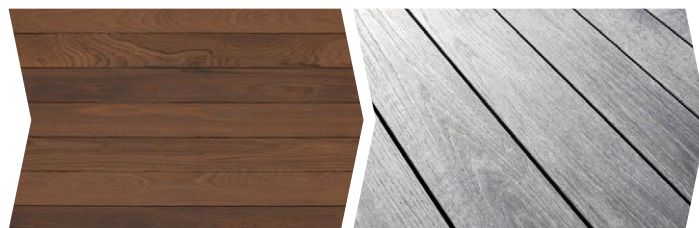
THERMO-SPRUCE



THERMO-ASH



THERMO-OAK

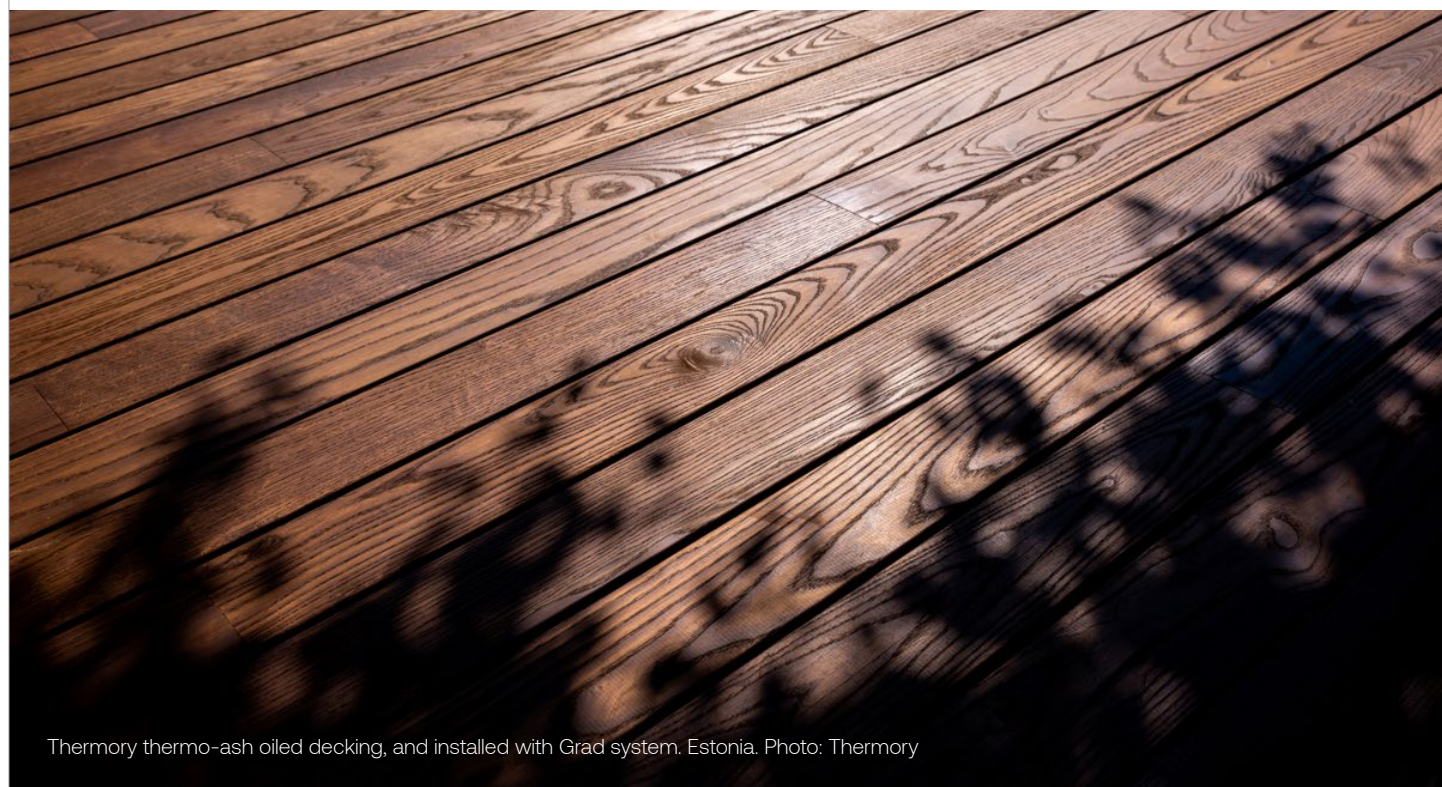


Thermory thermo-pine walkways, natural and un-oiled.
Dharma Resort Estonia. Photo: Karl Käsepõld

Thermo-Ash

A high-performance hardwood that exceeds expectations

Thermory's thermally modified ash products are a hardwood solution combining exceptional rot resistance and longevity with a clean surface and a rich brown colour. Thermo-ash is extremely durable (with a DC1 rating for 25+ years' protection against wood decay), highly valuable and offers performance and durability comparable to tropical hardwoods.



Thermory thermo-ash oiled decking, and installed with Grad system. Estonia. Photo: Thermory



With its smooth finish and rich, dark colour, thermally modified ash is an exclusive high-value wood.



Offering superior dimensional stability and the highest possible durability class, our thermo-ash retains rot resistance for 25+ years when installed and maintained according to Thermory's guides.



Thermo-ash decking doesn't accumulate heat and feels pleasant underfoot.



Thermally modified wood twists, cups and bends less than untreated wood in outdoor use, with less shrinkage and expansion.



As a non-toxic, natural material, thermally modified ash offers the same properties as the most valued tropical wood.



To maintain the beautiful brown tone of thermo-ash, we recommend oiling the decking, or alternatively allowing it to weather naturally to a grey patina.



Annual cleaning is essential for maintaining the deck's appearance and longevity.



FSC-certified ash is available upon request.

DURABILITY CLASS:

DC1 (25+ years' protection against wood decay)

TEXTURE:

smooth, brushed

COLLECTIONS:

Benchmark – thermally modified wood

Herringbone – thermally modified ash in a herringbone pattern

QuickDeck – thermally modified ash decking module in modular decking tiles

Flow – thermally modified ash in curved design boards

Vivid Oiled – coated with oil



Thermory thermo-ash decking, oiled. NOA restaurant. Estonia. Photo: Terje-Ugandi



Thermory thermo-ash decking, unoiled and naturally weathered, D4sg2, 26x145.
Private house embraced by Nõmme. Estonia. Photo: Tõnu Tunnel

THERMO-ASH

* The coverage width is based on installation with the recommended board spacing according to our installation guidelines. ** Ask for length availability!

QUALITY	THICK- NESS, MM	WIDTH, MM	COVERING WIDTH, MM*	PROFILE	STANDARD LENGTHS, MM ** (300 MM STEPS)
A	20	95	99	D4  	900–3900
		112	116		
		132	138		
		150	156		
	26	90	94	 	900–3900
		115	121		
		130	136		
		145	151		
	42	90	94		900–3900
		139	145		
A	20	95	99/101	D4 sg2  	900–3900
		112	116/118		
		132	138		
		150	156		
	26	90	94	 	900–3900
		115	121		
		130	136		
		145	151		
	26	90	96	D4 sgu  	900–3900
		115	121		
		130	136		
A	20	112	118	D31  	900–3900
		132	138		
A	21	118	124	D45J  	900–3900
A	20	118	124	D4J  	900–3900
A	20	95	90	PF2  	900–3900
		112	107		

We recommend using a thermally modified spruce substructure to ensure the substructure is designed to match the expected service life of your decking

This ash flooring is meant for outdoor areas that are protected from direct rain

*** Possible to order with end-matching

END-MATCHING*** (YES / NO)	FACE SIDE SURFACE OPTIONS	COATING OPTIONS	INSTALLATION METHOD	PCS/ BUNDLE	PCS/PACK
Yes	Smooth or Brushed	Possible to order in Vivid oiled series	Visible screws	4	484
					396
					352
					308
Yes	Smooth or Brushed	Possible to order in Vivid oiled series	Visible screws	3	432
					324
					288
					252
No	Smooth or Brushed	Possible to order in Vivid oiled series	Visible screws	2	264
					176
Yes	Smooth or Brushed	Possible to order in Vivid oiled series	T-4 Clip (4 mm) Uni20 Clip (6 mm)	4	484
			T-6 Clip (6 mm) Uni20 Clip (6 mm)		396
					352
			T-4 Clip (4 mm)	3	308
					432
			T-6 Clip (6 mm)		324
Yes	Smooth or Brushed	Possible to order in Vivid oiled series	Uni26 Clip (6 mm)	3	288
					396
					352
No	Smooth or Brushed	Possible to order in Vivid oiled series	Grad Strip Grad Alu Rail 56	4	396
					396
Yes	Smooth or Brushed	Possible to order in Vivid oiled series	Grad Strip Grad Alu Rail 56	4	396

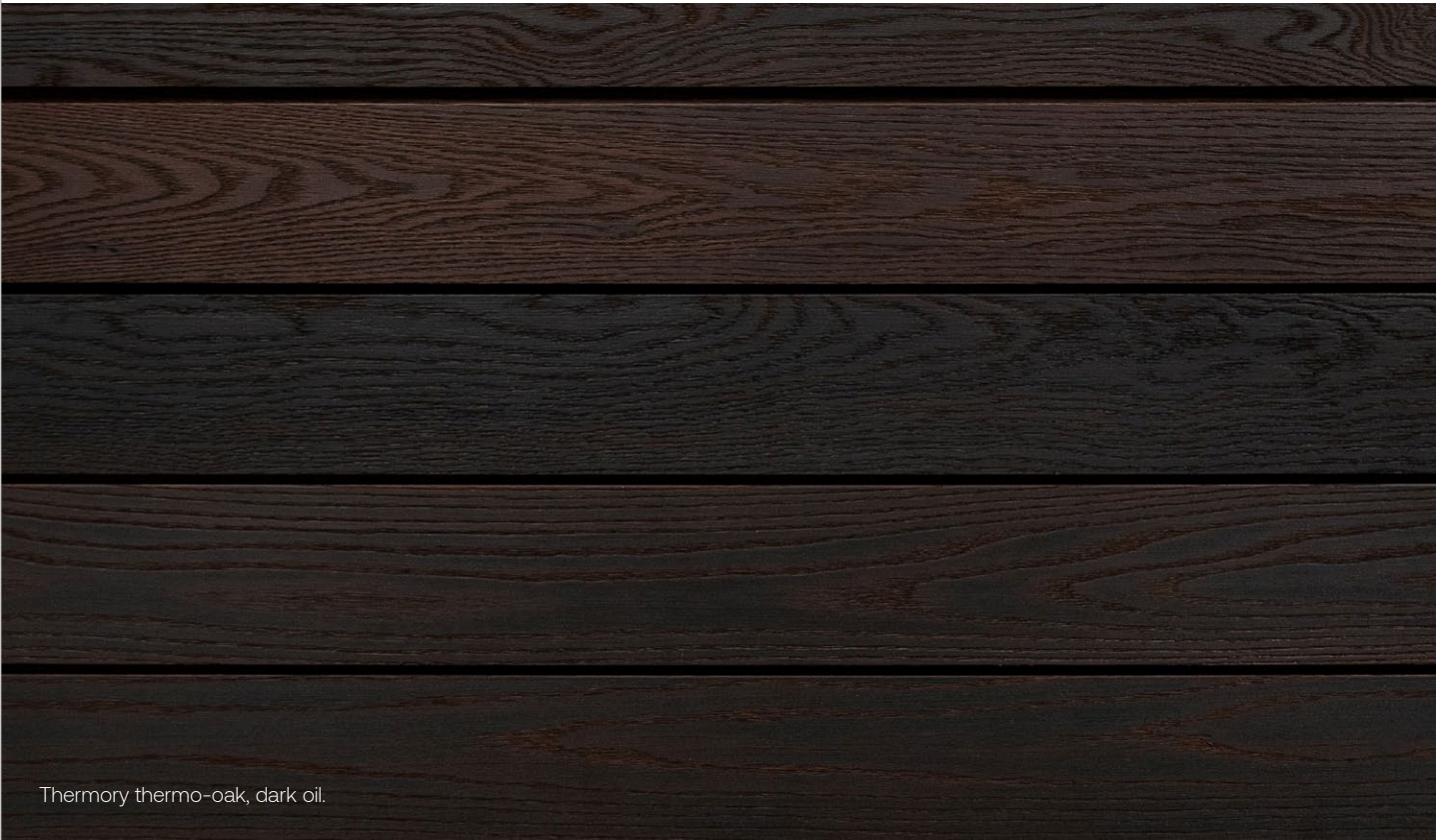
(page 18–19).

Yes	Smooth or Brushed	Possible to order in Vivid oiled series	Visible screws	4	484
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Thermo-Oak

An exclusive hardwood with inherent beauty and sophistication

This attractive luxurious thermo-oak is designed for those seeking nothing less than the very best in quality and style. Thermo-oak is an exclusive hardwood with a distinctive grain that boasts the same superior durability as thermo-ash.



Thermory thermo-oak, dark oil.

THERMO-OAK

* The coverage width is based on installation with the recommended board spacing according to our installation guidelines. ** Ask for length availability!

QUALITY	THICK- NESS, MM	WIDTH, MM	COVERING WIDTH, MM*	PROFILE	STANDARD LENGTHS** (300 MM STEPS)
AB	20	95	99	D4	900–3600
		112	116		
		132	138		
		150	156		
AB	26	90	94		
		115	121		
		130	136		
		145	151		
AB	20	95	99/101	D4 sg2	900–3600
		112	116/118		
		132	138		
		150	156		
AB	26	90	94		
		115	121		
		130	136		
		145	151		

We recommend using a thermally modified spruce substructure to ensure the substructure is designed to match the expected service life of your decking

○ Oak is a high-quality hardwood that's valued for its exceptional properties.

○ Distinctive, delicate rays on the wood's surface give thermo-oak a characteristic premium appearance.

○ Thermory's thermally modified oak features superior dimensional stability and has the highest available durability class, offering 25+ years of rot resistance.

○ Our thermo-oak is characterized by its beautiful wood grain.

○ With its low moisture absorption, thermally modified wood twists, cups and bends less than untreated wood, with less shrinkage and expansion.

○ Thermo-oak weathers beautifully – if left untreated, it will eventually take on a silver-gray color without losing its impressive durability.

DURABILITY CLASS:
DC1 (25+ years' protection against wood decay)

TEXTURE:
smooth, brushed

COLLECTIONS:
Benchmark – thermally modified wood

Vivid Oiled – coated with oil



Thermory thermo-oak decking. Photo: Thermory

*** Possible to order with end-matching

END-MATCHING*** (YES / NO)	FACE SIDE SURFACE OPTIONS	COATING OPTIONS	INSTALLATION METHOD	PCS/ BUNDLE	PCS/PACK
Yes	Smooth or brushed	Possible to order in Vivid oiled series	Visible screws	4	484
					396
					352
					308
Yes	Smooth or brushed	Possible to order in Vivid oiled series	Visible screws	3	432
					324
					288
					252
Yes	Smooth or brushed	Possible to order in Vivid oiled series	T-4 Clip (4 mm) Uni Clip 20 (6 mm)	4	484
					396
			T-6 Clip (6 mm) Uni Clip 20 (6 mm)		352
					308
Yes	Smooth or brushed	Possible to order in Vivid oiled series	T-4 Clip (4 mm)	3	432
					324
			T-6 Clip (6 mm)		288
					252

Thermo-Pine

New durability standard for softwood decking

The natural look of thermally modified pine is a golden-brown colour with distinctive knots. Thermal modification improves the durability and rot resistance of this softwood without using chemicals.



Thermory thermo-pine decking, oiled, Estonia. Photo: Thermory



Thermal modification makes pine more durable and stable while emphasizing its characteristic knotted pattern – all without any chemicals.



Thermally modified pine has an attractive rich golden-brown color.



Thermo-pine decking is a natural, and durable choice.



With its low moisture absorption, thermally modified wood twists, cups and bends less than untreated wood in outdoor use, with less shrinkage and expansion.



We source only Nordic pine, which is highly valued for its mechanical properties.



We offer thermo-pine decking with the Nordic Swan Ecolabel.

DURABILITY CLASS:

DC2 (15+ years' protection against wood decay)

TEXTURE:

smooth, brushed

COLLECTIONS:

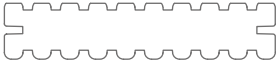
Benchmark – natural thermally modified wood

Vivid Oiled – coated with oil



THERMO-PINE

* The coverage width is based on installation with the recommended board spacing according to our installation guidelines. ** Ask for length availability!

QUALITY	THICK- NESS, MM	WIDTH, MM	COVERING WIDTH, MM*	PROFILE	STANDARD LENGTHS, MM** (300 MM STEPS)
A	26	115	121	D4 	 2400–5400
		140	146		
A	42	90	94		 2400–5400
		140	146		
A	26	115	121	D4 sg 	 2400–5400
		140	146		
A	26	115	121	D4 sgu 	 2400–5400
		140	146		
A	26	115	121	D30 sg 	 2400–5400
		140	146		
A	26	115	121	D30 sgu 	 2400–5400
		140	146		
A	26	118	124	D45J 	 2400–5400
A	25	118	124	D57 SGU Stripes 	 2400–5400

*** Possible to order with end-matching

END-MATCHING*** (YES / NO)	FACE SIDE SURFACE OPTIONS	COATING OPTIONS	INSTALLATION METHOD	PCS/ BUNDLE	PCS/PACK
No	Smooth or Brushed	Possible to order in Vivid oiled series	Visible screws	3	378
					336
				3	312
					208
No	Smooth or Brushed	Possible to order in Vivid oiled series	PC Clip	3	378
					336
No	Smooth or Brushed	Possible to order in Vivid oiled series	Uni26 Clip (6 mm)	3	378
					336
No	Smooth or Brushed	Possible to order in Vivid oiled series	PC Clip	3	378
					336
No	Smooth or Brushed	Possible to order in Vivid oiled series	Uni26 Clip (6 mm)	3	378
					336
No	Smooth or Brushed	Possible to order in Vivid oiled series	Grad Strip Grad Alu Rail 56	3	378
Yes	Smooth or Brushed	Available in different colour tones (availability upon request)	Uni26 Clip (6mm)	3	378

Thermo-Spruce

Durable softwood decking with a natural charm

Thermo-spruce decking, sourced in Scandinavia and thermally modified by Thermory, is a softwood solution featuring exceptional rot resistance and longevity alongside charming knots and a naturally light golden-brown color. Its sturdy, extra-wide boards with their brushed texture, create a stylishly modern look and feel.



Thermory thermo-spruce decking. Photo: Thermory

THERMO-SPRUCE

* The coverage width is based on installation with the recommended board spacing according to our installation guidelines. ** Ask for length availability!

QUALITY	THICK- NESS, MM	WIDTH, MM	COVERING WIDTH, MM*	PROFILE	STANDARD LENGTHS, MM** (300 MM STEPS)
AB	26	140	146	D4B 	2400–5400
		185	191		
AB	26	140	146	D4Bsg 	2400–5400
		185	191		
AB	26	140	146	D4Bsgu 	2400–5400
		185	191		

DECK SUBSTRUCTURE

We recommend using a thermally modified spruce substructure to ensure the substructure is designed to match the

ABC	42	68	68	D4 	2400–5400
		90	90		
		140	140		

- Thermory's thermally modified spruce is a softwood solution that offers exceptional rot resistance and longevity.
- Our thermo-spruce decking range creates a naturally charming appearance with beautiful visible knots.
- Thermo-spruce is an affordable decking material that's perfect for demanding climatic conditions.

- Extra-wide boards highlight thermo-spruce's impressive stability while enabling faster installation with fewer visible gaps.
- With its low moisture absorption, thermally modified wood twists, cups and bends less than untreated wood in outdoor use, with less shrinkage and expansion.
- We offer thermo-spruce decking with the Nordic Swan Ecolabel.

DURABILITY CLASS:
DC1 (25+ years' protection against wood decay)

TEXTURE:
brushed

COLLECTIONS:
Benchmark – thermally modified wood
Vivid Oiled – coated with oil



Thermory thermo-spruce. Photo: Thermory

*** Possible to order with end-matching

END-MATCHING*** (YES / NO)	FACE SIDE SURFACE OPTIONS	COATING OPTIONS	INSTALLATION METHOD	PCS/ BUNDLE	PCS/PACK
No	Smooth or Brushed	Possible to order in Vivid oiled series	Visible screws	3	210
No	Smooth or Brushed	Possible to order in Vivid oiled series	PC Clip	3	210
No	Smooth or Brushed	Possible to order in Vivid oiled series	Uni26 Clip (6 mm)	3	210

expected service life of your decking.

No	Smooth	Possible to order in Vivid Opaque Black	Visible screws	4	416
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Thermory modular decking systems

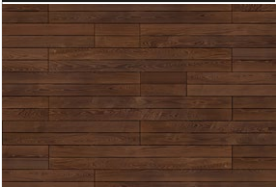
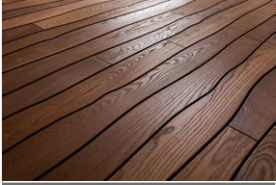
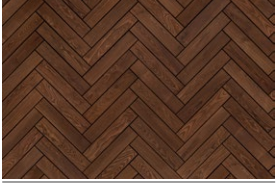
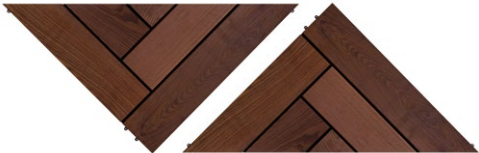
Rich brown ash in a striking form

In addition to classic Thermo-Ash decking, we offer exclusive product ranges designed to elevate both design and installation: Flow, Herringbone and Quick Deck. Together, these solutions combine premium thermo-ash performance with sophisticated craftsmanship for enhanced aesthetics and ease of use.



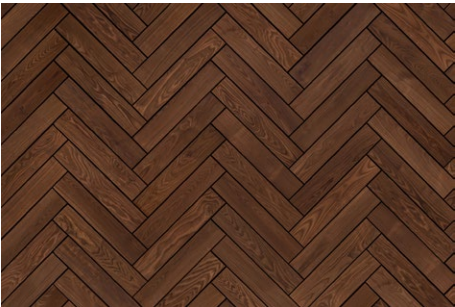
Thermory Flow combines the dimensional stability, durability, rich dark tone and gorgeous grain of thermo-ash with a stunningly innovative curved design for a truly unique deck.



WOOD SPECIES	QUALITY	THICKNESS, MM	WIDTH, MM	LENGTH, MM	PROFILE	TEXTURE PICTURE
Th-Ash	A	32	238	Fixed combination of: 450 900 1350 1800	Quick Deck Maxi / decking module	
Th-Ash	A	31	199	795	Quick Deck Mosaic / decking module	
Th-Ash	A	21	90–180	2400	Flow / decking module	
Th-Ash	A	28	812	500	Herringbone / decking module	
Th-Ash	A	28	812	394	Herringbone start and end cap / decking module	

 HERRINGBONE
by THERMORY®

Herringbone by Thermory makes it exceptionally easy to create a herringbone-patterned deck with no visible screws. And it's quick too, requiring less than a third of the time that would normally be needed.



 QUICK DECK
by THERMORY®

Thanks to Thermory's QuickDeck modules, it's never been easier to install a smart, attractive deck for your terrace. This beautiful, screw-free decking is the ideal solution for rooftops, apartment balconies, terraces, patios, and other outdoor living spaces.



* Possible to order with end-matching

END-MATCHING* (YES / NO)	FACE SIDE SURFACE OPTIONS	COLLECTIONS AND COATING OPTIONS	INSTALLATION METHOD	MODULES PER PACK	m²/PACK
No	Smooth	No	Laid on any even surface	450 mm - 1 pc 900 mm - 2 pcs 1350 mm - 1 pc 1800 mm - 2 pcs	1.71 m²
No	Smooth	No	Laid on any even surface	6	0.95 m²
Yes	Smooth	No	TENI® clip	6	1.83 m²
No	Smooth	No	Laid on any even surface	4	1.6 m²
No	Smooth	No	Laid on any even surface	2 starter modules 2 end cap modules	

Thermo-pine ready-made deck module

Thermory's ready-made thermo-pine deck modules offer a fast and convenient solution for creating a beautiful outdoor space. The pre-assembled modules require only proper ground preparation before installation, making the process quick and straightforward. Ideal for use in front of a sauna or small cabin, multiple modules can be easily combined to create larger outdoor living spaces.



Thermory thermo-pine Modul Deck Long, D45J, 1118x2400
(set includes 8 plastic pedestals)



Thermory thermo-pine Modul Deck Short, D45J, 1200x2243
(set includes 10 plastic pedestals)

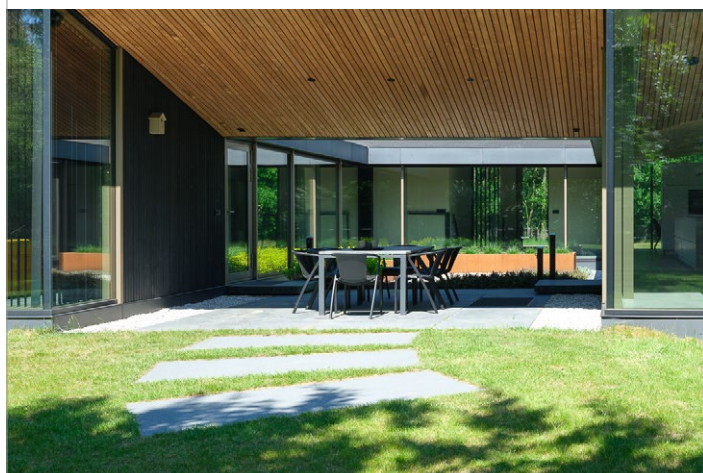


Thermory thermo-pine Modul Deck. Photo: Auroom

Designed for continuity

From ceilings to soffits. From floors to decking.

Create a cohesive look by connecting interior floors and ceilings with exterior decking and soffits. Using the same style and materials ensures a seamless, harmonious result throughout the space. Most wood species and profiles used for outdoor can also be extended indoors to create one unified architectural style.



Thermory thermo-ash **Porch Floor** is a specially developed solution designed for smooth transitions between decking and interior flooring — ideal for covered balconies and spaces where indoor and outdoor living meet. This ash flooring is meant for outdoor areas that are protected from direct rain.



Thermory thermo-ash porch floor, PF2 20x95 mm



Elements for outdoor living

Pergolas and fencing for well-designed outdoor living

Pergolas and fencing play an equally important role in creating a complete and functional outdoor space. We offer high-quality glued posts and beams as well as durable fencing boards—everything you need to bring your outdoor vision together.

GLUED THERMALLY MODIFIED POSTS



Thermally modified pine and ash posts.

Suitable to use in all climates.

Made using shorter wood components for more efficient use of raw material.

In addition to our portfolio of standard post sizes, we can also offer custom-sized posts.

When left untreated, the posts gain a beautiful silver patina over time.

Choice of finishing options available.

Freedom of choice when it comes to length, including unlimited volumes of fixed lengths.

A versatile product with a variety of possible applications.

USAGE:

Light-bearing structures, pergolas, fencing, exterior cladding, mixed outdoor usage

SPECIFICATIONS:

Glued, finger-jointed

FENCE BOARDS

Thermory thermally modified wood is ideal choice for fencing, offering durability and excellent dimensional stability. With thermally modified wood, your outdoor spaces remain beautiful and resilient for years to come.

Fence boards are available in a wide range of dimensions, making it an ideal choice for building durable and visually appealing fences.

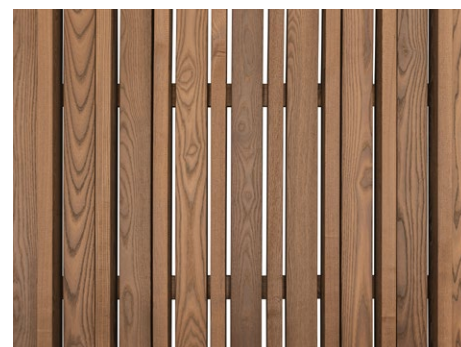
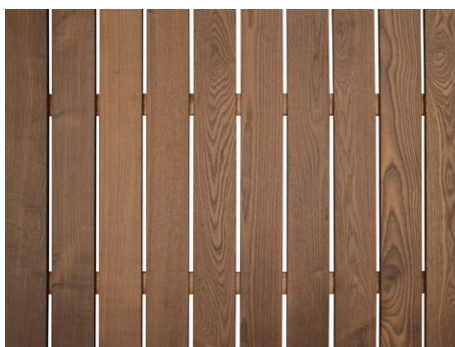
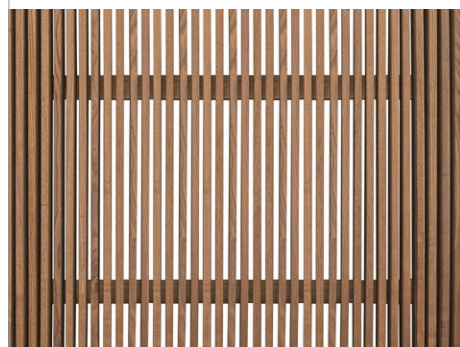
No need for full-length boards when building a fence – ask your distributor about shorter lengths, which are often a more cost-effective option.

Mix and match different board sizes to create a dynamic, visually engaging fence design that brings your outdoor space to life.

Choose the wood specie that suits your style and needs – from thermally modified ash, pine, or spruce.

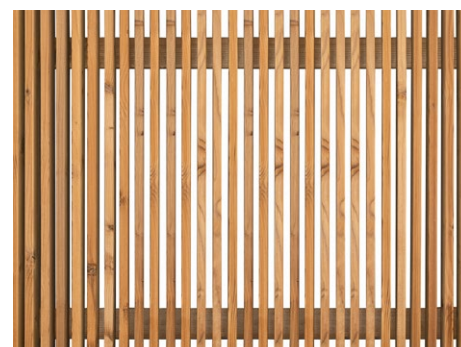
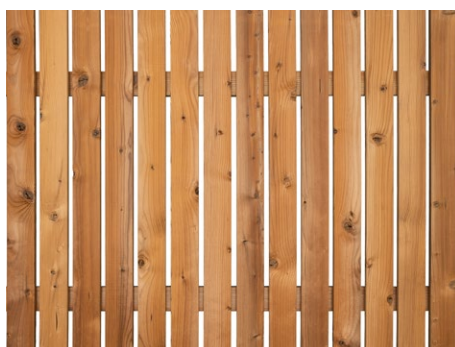
Let your fence weather naturally, maintain its original colour with oil, or finish it with a suitable coating. Explore our Vivid range of finishing options to find the perfect look for your fence.

THERMO-ASH



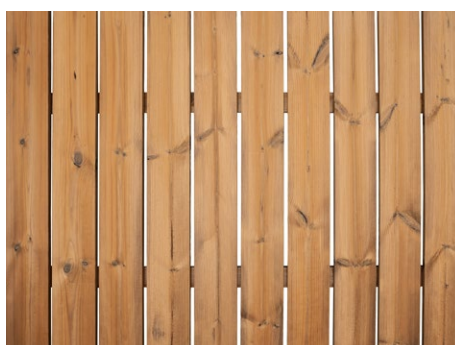
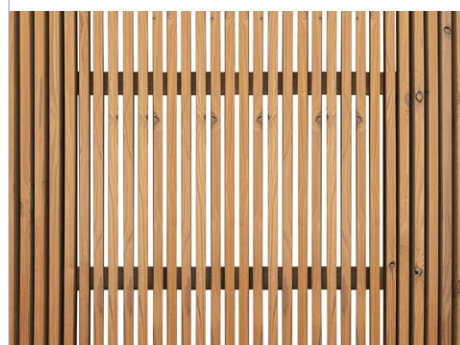
Mix and match different sizes to create a unique and dynamic look

THERMO-SPRUCE



A calm and classic fence is always a reliable choice

THERMO-PINE



Experiment with different angles when positioning the boards

The basic facts of Thermory decking

Fast & clean installation



Easy installation starts with straight boards — something Thermory can guarantee!

SCREWS

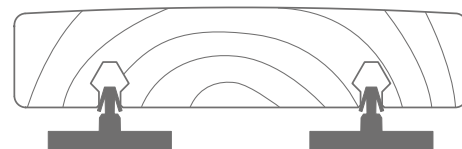
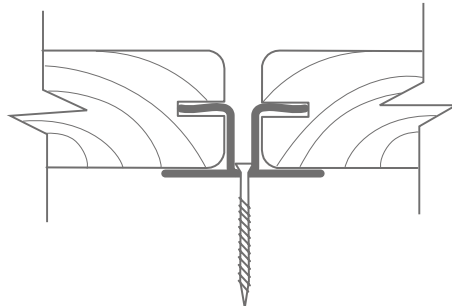
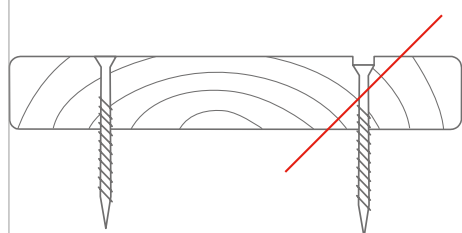
- Depending on the special installation tool, visible or hidden fastening is possible
- Flexible for different budgets
- A cost-effective alternative to clip installation

HIDDEN FIXING CLIPS (T-4, T-6, TENI, PC CLIP & UNICLIP)

- No visible screws
- Fixed gaps between decking boards
- Uniclip lifts the decking boards by 6 mm, creating a ventilation gap
- Using clips guarantees consistent board spacing and proper gaps between boards.

GRAD® PRESS & CLICK SYSTEM

- Fastest installation solution
- Fully hidden fixings
- Easy alignment & consistent board spacing
- With the Grad AluRail system, boards can be easily removed.



End-Match: smarter installation, less waste

LESS MEASURING & CUTTING

End-matched boards reduce measuring and cutting, allowing boards to be joined between battens – not only on supports. This solution is available for thermo-ash and thermo-oak, ensuring both faster installation and a seamless visual result.

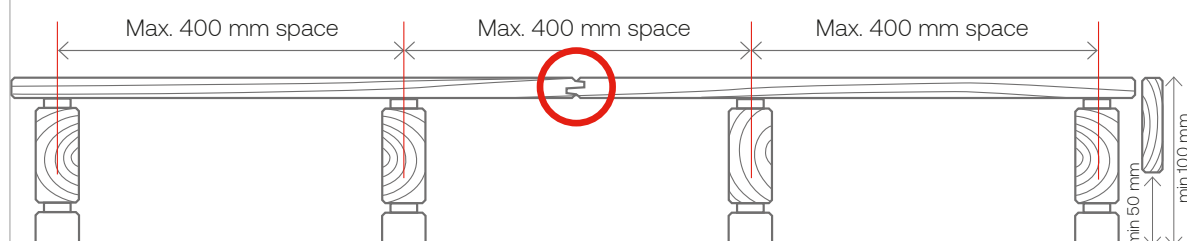
LESS WASTE

End-matching eliminates the need to cut decking boards to fit support battens, reducing material waste by up to 10–15%.



END-MATCHING

Boards joined between battens. End-matching is offered only for thermo-ash and thermo-oak decking.



To oil or not to oil?

NATURAL WEATHERING

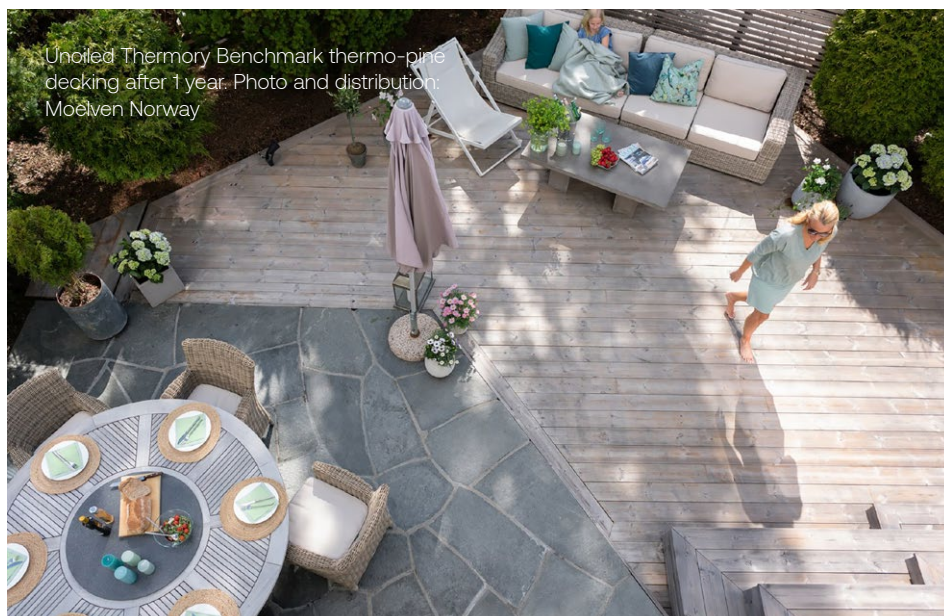
Thermally modified decking does not require surface treatment. Like any wood, it will naturally turn silver-grey over time due to UV exposure—without affecting durability.

MAINTAIN THE ORIGINAL TONE

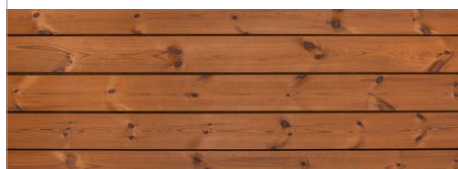
To maintain the rich tone of thermally modified wood, we recommend oiling. Depending on the species, light, dark, or black oils are available. For a faster, flawless finish, ask your Thermory sales representative about pre-oiled decking (Vivid Oiled).

ANNUAL CARE

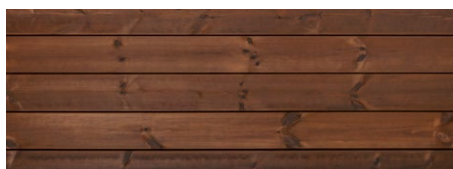
Oiled or not, annual maintenance is essential—re-oil once a year or clean annually for unfinished wood



Un-oiled Thermory Benchmark thermo-pine decking after 1 year. Photo and distribution: Moelven Norway



Light oil thermo-pine



Dark-oil thermo-pine



Black-oil thermo-ash

Difference You feel



Consistent quality, crafted from carefully selected materials for lasting performance.



Produced using chemical-free process with only heat and steam.



Thermally modified wood offers outstanding dimensional stability, reducing warping and movement in all climates.



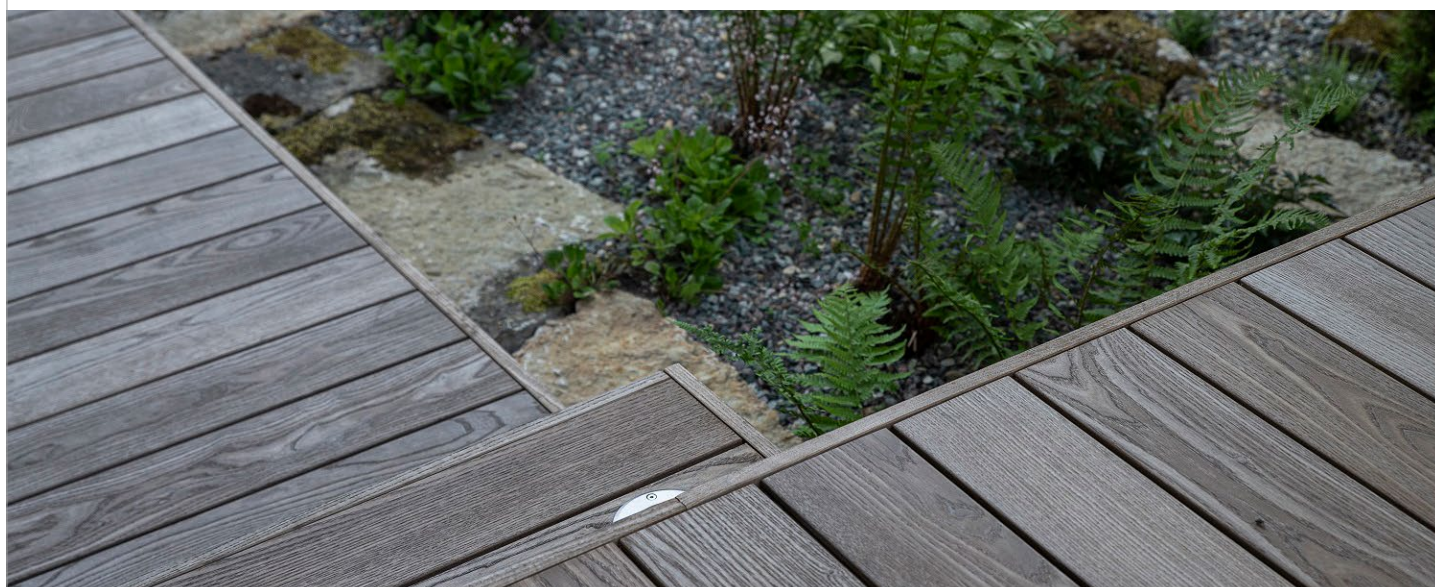
Smooth, refined surface for enhanced comfort and a premium visual finish.



Made from 100% real wood, preserving natural character while improving durability.



Reliable performance combined with timeless beauty for any outdoor space.



Decking installation & maintenance essentials

STORAGE AND WAREHOUSING

For long-term storage keep decking boards indoors, protected from direct sunlight. Before installation, allow the boards to acclimatise to the moisture conditions at the installation site for several weeks.

If the boards must be stored outdoors, keep them at least 150 mm above ground and protect them from rain and direct sunlight with a waterproof cover. Ensure the cover allows adequate air circulation around the boards to prevent moisture build-up. When stacking, make sure that all spacer battens are vertically aligned.

For a few weeks prior to installation, store the boards at the installation site to allow them to acclimatise to the moisture conditions there, using a protective cover to protect them from rain. Measure and record the relative humidity (RH) and temperature at the installation site during storage and again during installation.

BUILDING A PROPER FOUNDATION

Thermory decking must be laid on leveled joists.

We recommend using Thermory Benchmark thermo-spruce, thermo-pine or metal joists – this will ensure that your joists last as long as your decking. Look the right profile on page 18 – ideal for deck construction.

Good drainage is essential in order to direct water away from the structure. Make sure the ground beneath your decking is at a sufficient angle to avoid water pooling.

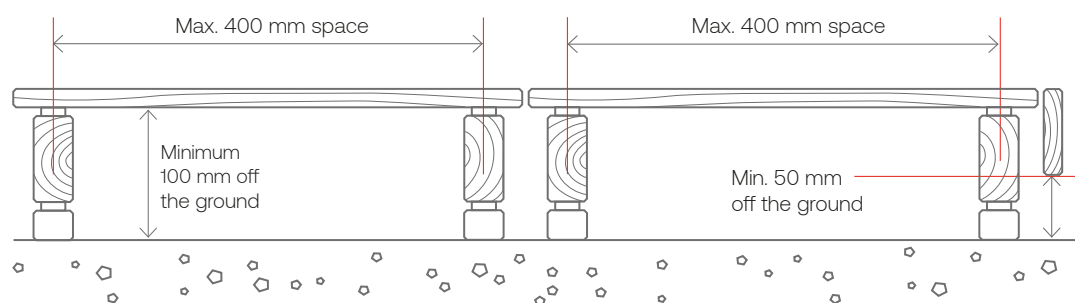
Wood must not be in direct contact with wood. When installing decking boards with screws, use spacers or distance strips to leave approximately 4–8 mm between the boards and the

joists. This will minimize trapped moisture and mold or fungi development.

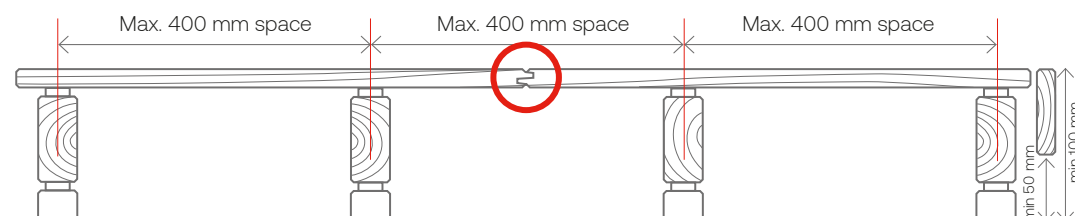
Decking boards should lay at least 100 mm above the ground. The best practice is to shim the joists to allow air circulation and drying.

The maximum recommended space between joists is 400 mm centre to centre.

STANDARD SUBSTRUCTURE SYSTEM



END-MATCHED SUBSTRUCTURE SYSTEM*



* Read page 26

INSTALLATION

- Measure and record the moisture content of each board before installation and only install the boards if the reading is similar for all of them. Boards with significantly different moisture levels will dry differently, leaving uneven gaps between them.
- The ends of the boards should always be sealed with a special wax or oil.
- Good drainage is essential for draining water away from under the deck. Make sure the angle of the ground beneath the decking is sufficient to avoid water pooling.
- The deck should not be built too close to the ground. Please follow the requirements in the guide.
- Avoid direct contact between decking boards and battens. Add spacers or use hidden installation clips from Thermory. Leave gaps in between and at the edges of the boards as recommended in the guide to allow for ventilation and leave space for the wood to swell.
- Do not build up the sides of the deck. Proper ventilation will ensure longevity.
- Use only stainless steel screws or staples to install Thermory decking boards.
- Screw heads must remain flush with the deck. A screw head that is driven too deep into the board will leave a hole in the deck where water will accumulate and cause moisture damage.
- Defective boards that have already been installed are not covered by the warranty. Before installing each board, ensure that the product is not too damp and free from mechanical, visual or aesthetic defects.
- The warranty is not valid for incorrectly installed decking boards. Please follow the requirements in the guide.

PLEASE REVIEW OUR
INSTALLATION AND
MAINTENANCE GUIDES
BEFORE INSTALLATION



MAINTENANCE

- Do not leave flower pots or other items standing on the deck for a long time, as the moisture accumulating beneath them will contribute to the development of moisture damage.
- Keep the finished deck surface clean of leaves, branches and other moisture-containing debris that can promote premature decay.
- A regularly cleaned and oiled deck will withstand weather conditions better.

PLEASE CONSIDER THE FOLLOWING

- Wood is a natural material that reacts to external conditions; it swells when wet and shrinks when dry. This causes surface cracks to appear in the wood, including some splitting at the ends of the boards.
- Surface cracks appear within a month of installation and are more visible during dry period. The gaps will gradually develop and increase in size over the lifetime of the deck. This is a natural characteristic of wood and does not compromise the deck's performance or durability.
- Every natural, unfinished wood weathers to a soft grey over time. Greying is a natural process that changes the colour of the wood, but not its durability.

IMPORTANT! Correct installation and maintenance are essential for a beautiful, long-lasting deck. Follow Thermory's installation guidelines and your local building regulations, and keep in mind that wood is a natural material that reacts to external conditions. Proper storage, installation and maintenance will help your deck better withstand local weather.

Discover more with Thermory

Thermory is more than just decking – it's a complete solution for creating exceptional spaces. Explore our full range and find the right fit for your project, from cladding and sauna materials to interior solutions. With Thermory, you can bring a cohesive and timeless vision to life, indoors and out.



CLADDING

Real wood is a uniquely charismatic, beautifully textured material that carries a strong aesthetic message. Thermory offers a broad range of thermally modified cladding boards with a variety of profiles and surface finishes.



INTERIOR SOLUTIONS

Thermory offers a broad selection of attractive wood wall panels for homes, offices and public spaces, with panels that are suitable for use in bathrooms, kitchens, saunas and living spaces.



SAUNA MATERIALS

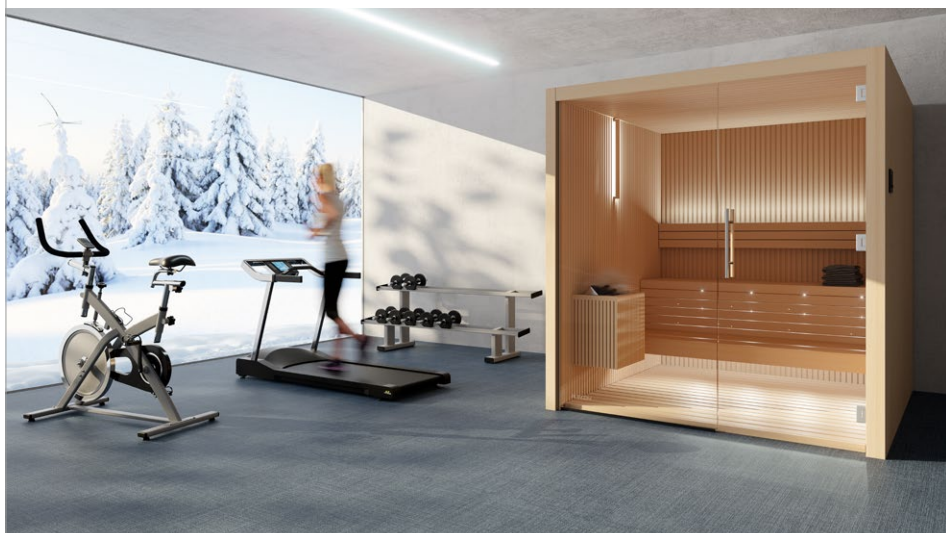
With all you need for the sauna, from everyday products to distinctive, novel designs that appeal to those with a bolder outlook, you can create a wellness space that combines convenience and practicality with striking visual features.



Thermory group companies



Sustainable and durable wood products: natural and painted thermally modified cladding, thermally modified decking and flooring, interior wall panels, sauna materials and products.



Auroom offers a customized range of high-quality, easy-to-install designer saunas, handcrafted from superior wood.



Modern Nordic exterior and interior solutions: interior and exterior cladding, painted cladding, fire retardant cladding and wall paneling.





Leave a lasting impact

THERMORY develops thermally modified wood products for façades, decking, interiors and saunas.

Using only heat and steam during the modification process, we enhance the natural performance of wood, improving durability, dimensional stability and suitability for demanding applications.

Our products are manufactured under strict quality control and supported by recognised testing, technical documentation and product-specific certifications where applicable.

FSC®, PEFC™ and Nordic Swan Ecolabel-certified products are available for selected product ranges upon request.



For nearly 30 years, architects, builders and distributors around the world have trusted Thermory to deliver real wood with predictable performance and lasting quality.

REAL WOOD PRODUCTS WITH BEAUTY AND STABILITY IN EVERY FIBER

- DECKING
- CLADDING
- INTERIOR
- SAUNA



Thermory



Thermory



Thermorydesign



Thermory AS

