THERMO-DREWNO®
TARTAK STEFAN

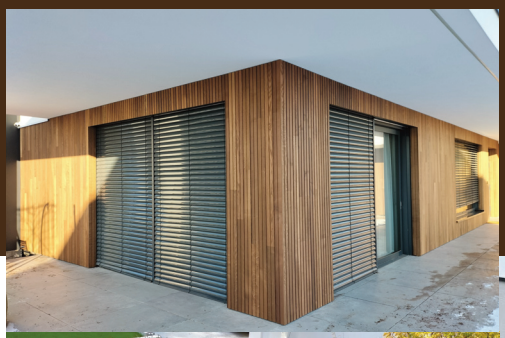
THERMO WOOD®

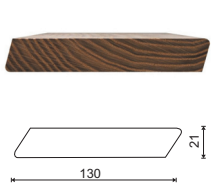
ELEVATION / TERRACE / SAUNAS / TUBS

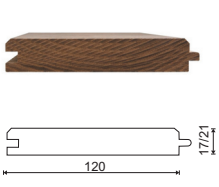
Thermo Ash / for Facades and Decking

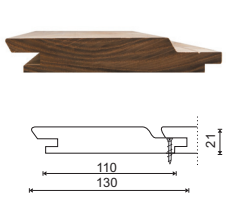
ELEGANCE AND DURABILITY

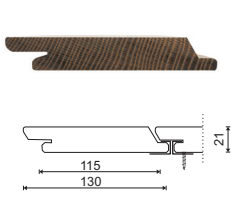
Thermo Ash boards that combine the exceptional aesthetics of natural wood with outstanding resistance to external factors. Thanks to an innovative thermal treatment process, they gain protection against moisture, mold, and insects, making them an excellent material for facades and decking.
Ash wood impresses with its deep dark brown color and distinctive grain structure, offering a great alternative to exotic wood species.

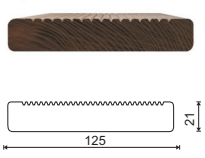


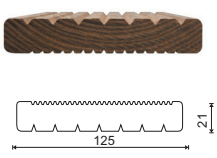


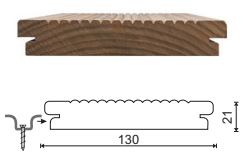


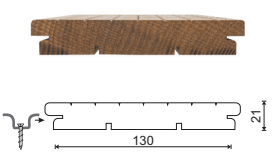












Maintenance of Thermally Modified Wood

Simple Rules for Long-Lasting Beauty

Thermally modified wood is highly resistant to external factors, but to preserve its natural beauty and durability for many years, it is worth following a few simple maintenance guidelines.

1. Regular cleaning

- Facade and decking surfaces: Remove dirt, dust, and leaves using a soft brush or a gentle stream of water.
- Avoid harsh detergents: Water with a mild soap is sufficient to clean the wood without causing damage.

2. Protection against UV radiation

- Thermally modified wood naturally turns grey over time due to sunlight exposure. To maintain its original color, it is recommended to use special protective oils with UV filters.
- When to oil? The first oiling is best done immediately after installation, followed by maintenance every 1–2 years depending on usage conditions.

3. Impregnation and refreshing

- Outdoor wood: In areas exposed to heavy moisture and weather conditions, it is advisable to apply an impregnating agent periodically to provide additional protection against water.
- Indoor wood (e.g., saunas): Does not require special impregnation, but periodic cleaning and light sanding are recommended to remove minor signs of use.

4. Removing stains and scratches

- Stains can be removed using gentle wood cleaners or by lightly sanding the surface with fine-grit sandpaper. After such treatment, the wood should be re-oiled.
- In case of more significant damage, it is advisable to consult a specialist or use repair products dedicated to thermally modified wood.

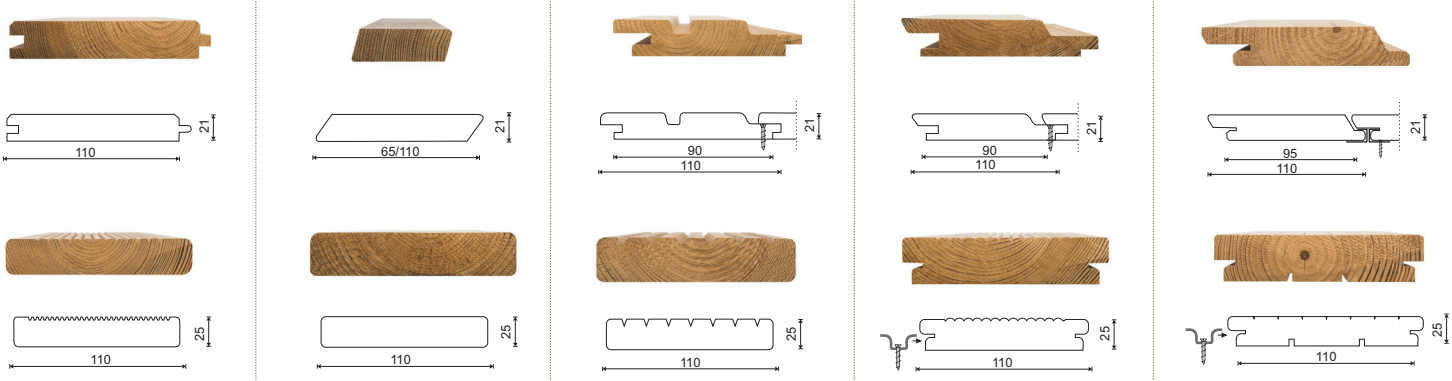
5. Ventilation and protection against standing water

- Ensure proper ventilation of the wood, especially in decking and facade structures, to prevent moisture retention.
- Regularly check that water does not accumulate on the surface, which helps prevent discoloration.

Thermo Pine
/ for Facades and Decking

NATURAL WARMTH AND STABILITY

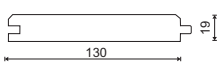
Give your home a unique character with Thermo Pine boards. Thermal treatment enhances their resistance to changing weather conditions, improves stability, and extends durability, while highlighting the natural honey-toned color of the wood.
Thermo Pine is a durable and eco-friendly material, perfect for both facades and decking, combining aesthetics with strength.

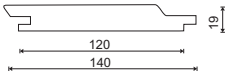


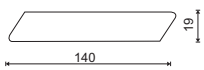
Thermo New Zealand Radiata Pine / Facade

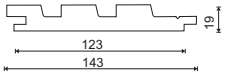
MODERNITY AND LIGHTNESS

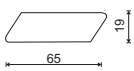
Revitalize your facade with Thermo New Zealand Radiata Pine boards. Featuring a subtle grain pattern, a perfectly smooth surface, and warm tones, they fit seamlessly into both modern and classic designs.
Thermally modified wood sourced from New Zealand ensures long-lasting durability and reliability, offering an eco-friendly and stylish solution for the most demanding customers.







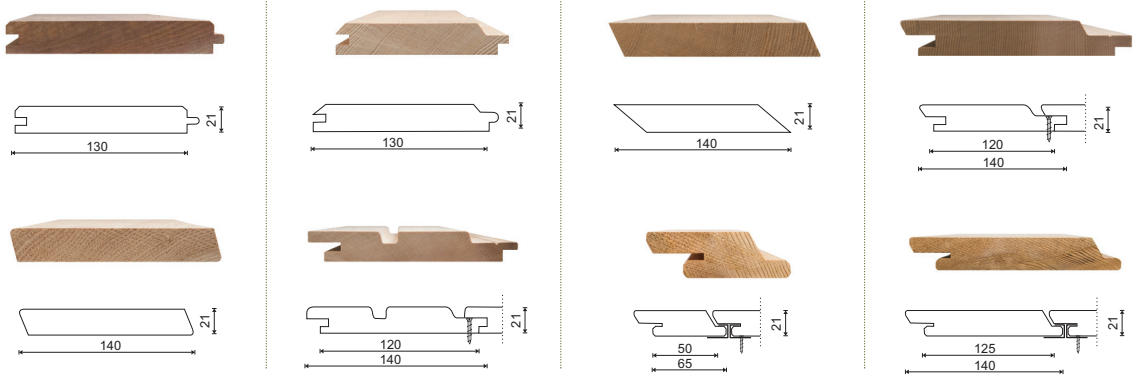




Canadian Western Red Cedar (WRC)
/ Facade

CLASS AND NATURAL CHARM

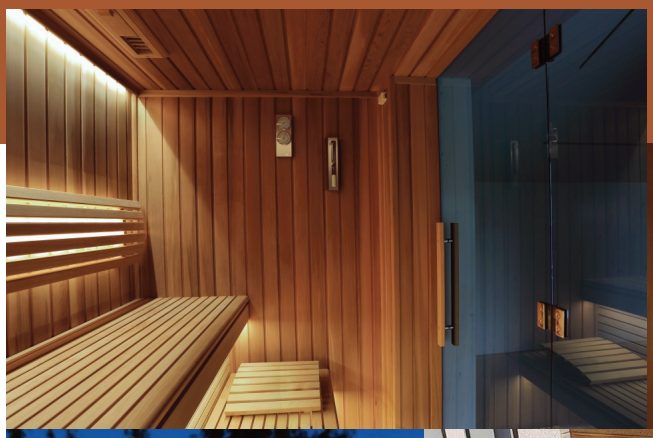
Highlight the unique style of your home with Canadian Western Red Cedar (WRC) boards. This noble premium material impresses with its distinctive grain, rich color variation, and exceptional lightness.
Western Red Cedar is naturally resistant to weather conditions, making it an excellent choice for elegant and durable facades, as well as a perfect finishing material for saunas, adding a truly unique character.

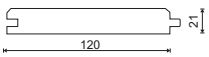


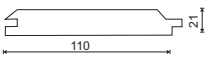
Thermally Modified Wood Saunas and Hot Tub

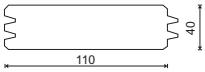
LUXURY IN NATURAL HARMONY

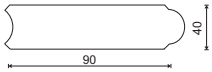
Create a luxurious experience in the comfort of your home. Made from thermally modified wood, saunas and hot tubs stand out with their elegant appearance and durability. The wood not only withstands high temperatures exceptionally well but also introduces a warm, natural atmosphere that promotes relaxation.
It's a perfect combination of natural beauty and outstanding performance, ensuring comfort and long-lasting quality for years to come.

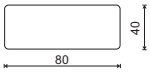












Thermal Wood Modification Process – Technology That Unlocks New Possibilities

Thermal modification is an advanced wood treatment process that enhances both its technical and aesthetic properties, giving it durability and resistance to external factors. It is a natural and eco-friendly method of improving wood quality that requires no chemical additives.

How does the thermal modification process work?

1. Wood selection

The process begins with selecting high-quality raw material. The most commonly used species for thermal modification include ash, pine, ayous, and radiata. The wood is carefully sorted to ensure the highest possible quality of the final product.

2. Heating stage

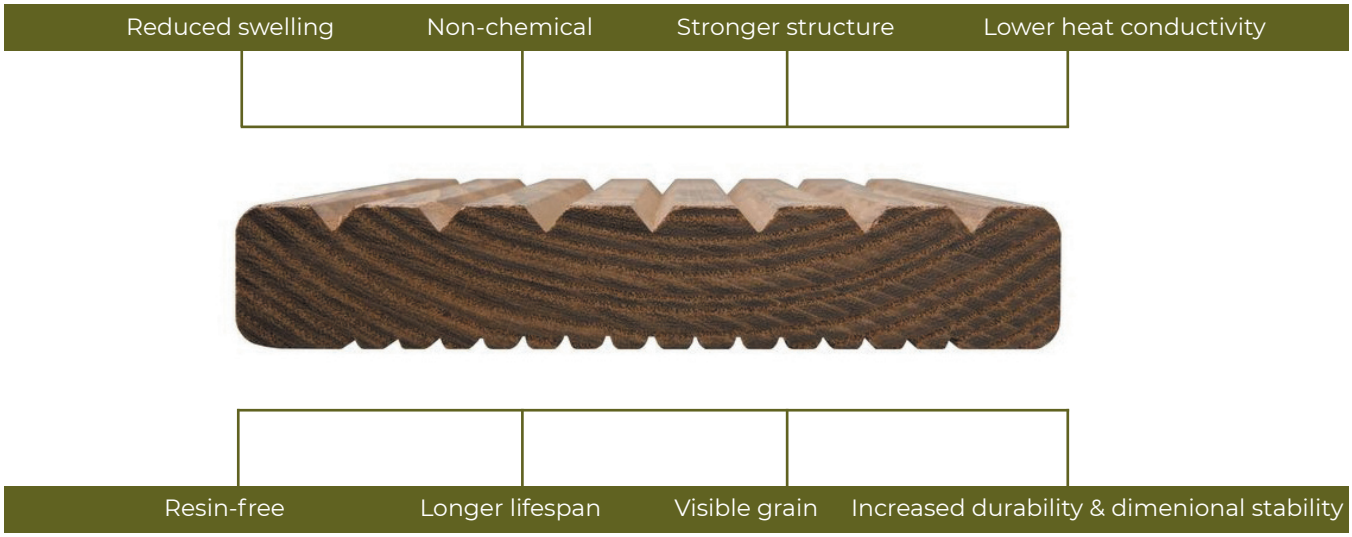
The wood is placed in special thermal chambers and exposed to high temperatures (from 180°C to 230°C). This process takes place in a controlled atmosphere without oxygen to prevent the material from burning.

3. Stabilization and modification

- Moisture evaporation: During heating, the wood loses most of its moisture, reducing its ability to absorb water in the future.
- Structural transformation: High temperatures modify the chemical structure of the wood, such as hemicelluloses, making it more resistant to fungi, mold, and pests.
- Color change: Under the influence of heat, the wood develops a deeper, more intense color, enhancing its natural beauty and giving it the appearance of exotic species.

4. Cooling and finishing

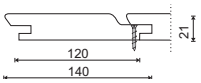
After the modification process, the wood is gradually cooled and reconditioned to reach the optimal moisture level. This ensures dimensional stability and excellent resistance to deformation.

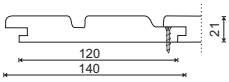


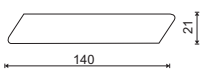
Thermo Ayous
/ Facade

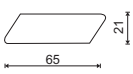
SUBTLE EXOTIC APPEAL

Thermo Ayous – a cladding board that harmoniously combines the subtle look of exotic wood with high functionality. Its minimalist design and properties achieved through thermal modification make it an excellent choice for finishing both residential and commercial buildings.
Ayous stands out for its resistance to moisture and pests, as well as its low weight, which also makes it a great decorative element for interiors.









Polish Leader in Thermally Modified Wood

QUALITY / EXPERIENCE / TRUST

Since 2004, we have been passionately creating durable and eco-friendly solutions from thermally modified wood, offering products that combine modern technology with the beauty of nature. We take pride in our long-standing tradition and our membership in the Finnish ThermoWood Association – a prestigious organization bringing together industry leaders.
We create wood that inspires. Every piece of material is a combination of natural beauty and durability tailored to modern requirements. We focus on innovation and continuous development to deliver the best solutions to our customers.
Choose a Polish manufacturer trusted by thousands of customers in Poland and worldwide. Choose thermally modified wood – the beauty of nature and quality for years to come.

Contact us and join the group of satisfied customers!

THERMO-DREWNO®
TARTAK STEFAN

THERMO WOOD®

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