LAUTA.FI

PANEL

THERMO ALDER 15 x 90 STS4 A

4248

lauta.fi/4248

Introduction

✅ Made from European wood, responsibly produced

✅ Completely natural and safe product

✅ Noblewood-like, beautifully brown surface

✅ A great choice for benches as well as sauna and wet area paneling

✅ Made from carefully selected raw materials from the best growing areas

Product information

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Tuotenimi	LÄMPÖLEPPÄPANEELI 15 x 90 STS4 A
Tuotenumero	4248
Alkuperämaa	Suomi
Saatavuus	Tuote poistuu valikoimasta
CN-koodi	Alder - Profiled - CN 4409 2999

Product measurements

Vahvuus (mm)	15
Leveys (mm)	90
Paino (kg/myyntiyksikkö)	0,729
Neliömenekki (m/m²)	12,5
Hyötyleveys (mm)	80

Product features

Puulaji	Lämpökäsitelty Tervaleppä
Pintakäsittely	Ei käsitelty
Päätyponttaus	Ei
Piilokiinnityspontti	Ei
Palokäyttäytyminen	D-s2, d0

Sustainability

Hiilijalanjälki (CO2e kg/jm)	0,63
Hiilikädenjälki (CO2e kg/jm)	-0,9
CE-merkintä	Ei

Please note that we deliver our products in bundles. Bundle size is indicated together with stock information on top right corner.

Installation and storage

Storage of Indoor Products

- Products should be acclimated in the room where they will be installed for 1–2 weeks.
- Products should be stored horizontally in unopened packages and elevated at least 30 mm from the surface.
- During storage, humidity must not exceed the normal moisture level of the installation site. The temperature should be higher than the outdoor temperature.

Note that any wet work in the space will significantly increase humidity. If products are stored in the same room, they may swell. Conversely, a construction heater dries the air and can shrink the product. Rapid drops in humidity may cause cracking in the wood. Also, if packages have been tightly stacked, the moisture content of the packages in the center and on the outside of the stack may differ.

Installation

- Plan the installation direction and possible joint locations.
- When paneling multiple walls horizontally, install panels on all walls simultaneously.
- Use fasteners suitable for the specific application.
- Sort panels by color or knots so they are evenly distributed across the surface.
- Regularly measure to ensure the installation progress remains as intended.
- If needed, consult a professional installer.

Panels are installed on the battens. The orientation of the battens depends on the paneling direction: for horizontal paneling, battens are installed vertically; for vertical paneling, battens are installed horizontally. Battens must be straight and spaced appropriately for the paneling, but no more than 600 mm apart.

When paneling multiple walls horizontally, installation progresses simultaneously on all walls, layer by layer, to ensure precise corner alignment. Fastening is recommended by nailing directly through the panel surface. Avoid hand-nailing with heat-treated products to prevent hammer marks or panel splitting. In humid areas and with heat-treated wood, use stainless steel fasteners.

Treatment, maintenance and care

Treatment

- Always treat the entire panel along its full length to avoid visible seams.
- Follow the manufacturer’s instructions carefully.
- Use a product suitable for the installation environment.
- Keep in mind that wood will “move” over time, so plan for slight dimensional changes.
- Products are available with either opaque or translucent finishes.
- Treatment can be done by painting, oiling, or varnishing.
- For translucent finishes, the product can be tinted or clear.

Due to the heat and humidity, not all interior treatment methods can be used in the sauna. Ensure the appropriate treatment by consulting the paint manufacturer.

Maintenance

- Regular cleaning keeps surfaces in good condition and looking attractive.
- Maintenance intervals depend on the product type and installation location.
- Treat surfaces in a timely manner to prevent damage due to missing protective coating.

Sauna Cleaning

A sauna stays clean when you shower before going in and use a bench towel. Keep the heater on for a short time after bathing so the sauna dries well. If possible, ventilate the sauna after every use. When vacuuming other areas of your home, also vacuum the sauna floor.

Thorough Sauna Cleaning

A deeper cleaning is needed once or twice a year. Follow these steps:

- Clean the sauna when it is cool so cleaning agents do not dry too quickly on surfaces.
- Vacuum or remove dust and loose debris from the floor and benches with a long-handled brush or scraper. Also brush the ceiling and walls.
- Wet the wooden surfaces with warm water to open the pores. Wash with a general-purpose cleaner or sauna cleaner using a soft brush or scrubbing pad. Rinse with cold water to close the pores.

- When scrubbing wood, work in the direction of the grain. Use a soft deck brush, for example. Wet and wash walls from top to bottom.
- Avoid unnecessary and excessive rubbing.
- Avoid chlorine-based cleaners, as chlorine can absorb into the wood and later be released into the air when heating the sauna.
- Air the sauna well.
- After cleaning, keep the sauna heater on for a short time so it dries completely.

Design

For many Finns, the home sauna is a favorite place, but it demands a lot from interior materials. Temperatures can rise above 100°C, and the high humidity means that ceiling and wall panels, for example, are under heavy stress.

Lauta.fi's versatile **Tuuli Sauna** product family is designed to withstand the sauna's changing and c hallenging conditions. With Tuuli Sauna products, a sauna can be decorated in a stylish, timeless, or m odern way—either in harmony with the rest of the home or as a distinct and unique space. They allow t he home's interior theme to continue into the sauna, or for the sauna to stand out as a completely di fferent environment.

The range includes ceiling and wall panels, bench boards, bench facings, and bench frame posts—all of which greatly influence sauna atmosphere. It also offers finishing products such as cover, edge, shadow, corner, and ceiling mouldings, as well as boards and slats. This diverse and adaptable product family brings both ambience and durability to the sauna, enabling practical and safe solutions for tricky design spots.

While Tuuli Sauna is optimized for sauna conditions, its products are also suitable for other interior uses. Its panels, boards, and slats can be used in single-family homes, apartments, and other living spaces, making it possible to create a completely unified interior style throughout the home. Tuuli Sauna products are also used in offices, customer spaces, and public buildings. Design options are further expanded by their compatibility with the **Tuuli Indoor** product range for general interiors, which matches perfectly in style—though Tuuli Indoor products are not suitable for sauna use due to heat and humidity.

The extensive Tuuli Sauna range features many wood species, including giant thuja, thermo radiata pine, thermo alder, black alder, thermo aspen, aspen, thermo pine, and spruce. The natural individuality of wood—such as varying knot patterns—makes each product unique.

While interiors often feature materials like plastic, concrete, glass, or metal, Lauta.fi's Tuuli Sauna p roducts are **natural and eco-friendly wood**. They are engineered for strength and usability on par with other materials, while tolerating sauna heat and moisture exceptionally well.

Sample pieces

Lauta.fi delivers product sample pieces to both consumer customers and professionals, such as architects, interior architects and designers, construction industry and procurement professionals.

If you are interested in ordering one or more sample pieces, please contact our sales department via email lauta@lauta.fi or phone +358 3 3123 6000 (On weekdays 8-16).