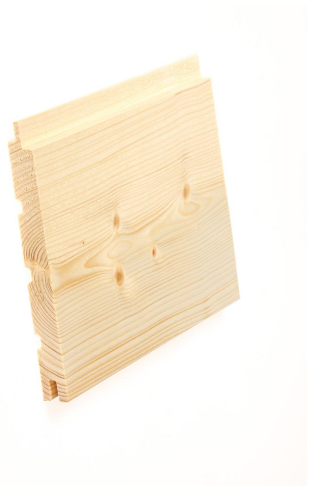
LAUTA.FI

PANEL

FINNISH SPRUCE 15x145 STS4 TK

4463

lauta.fi/4463



Introduction

- ✅ Made from Finnish wood, responsibly produced
- ✅ Completely natural and safe product
- ✅ Light and fresh appearance
- ✅ Handles moisture fluctuations well
- ✅ PEFC-certified

Product description

The product is sold unfinished. In one example image, the model is treated with RAL 9010, which is an opaque finish suitable only for indoor use.

✅ Finnish wood, responsibly manufactured in Lempäälä
✅ Completely natural and safe product
✅ Light and fresh appearance
✅ Excellent resistance to moisture fluctuations
✅ PEFC-certified

Our product uses spruce, a domestic, versatile, and strong softwood that handles moisture changes well. Easy to work with and finish, spruce is ideal for interior use, saunas, and, when treated, exterior cladding. Its warm light color and straight-grained pattern make spruce an aesthetically pleasing choice for visible surfaces. Our PEFC-certified spruce products are responsibly produced and environmentally friendly.

Product information

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Tuotenimi	KUUSIPANEELI 15x145 STS4 TK
Tuotenumero	4463
Alkuperämaa	Suomi
Saatavuus	Varastotuote
CN-koodi	Spruce - Profiled - CN 4409 1018

Product measurements

Vahvuus (mm)	15
Leveys (mm)	145
Paino (kg/myyntiyksikkö)	1,022
Neliömenekki (m/m²)	7,4
Hyötyleveys (mm)	135

Product features

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

Sustainability

Hiilijalanjälki (CO2e kg/jm)	0,09
Hiilikädenjälki (CO2e kg/jm)	-1,65
CE-merkintä	Ei

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

Surface treatment

Highlighting Wood's Best Qualities with Surface Treatment

Surface treatment brings out the best in wood and tailors high-quality timber to its intended use. Beyond durability and fire safety, it adds color that perfectly complements your project.

Durability and versatility can be further enhanced with industrial painting or finishing suited to your needs. Pre-finished or treated wood also speeds up and simplifies work during tight construction or renovation schedules.

Wood is a high-quality, versatile material that, after industrial painting or surface treatment, performs even better in various conditions. Our extensive practical experience and expertise in wood finishing guide us on how to treat material for different applications.

Not all wood requires finishing before use, but treatments can highlight specific properties. For example, sauna wood benefits from protective coatings designed to withstand high temperatures and humidity. Surface treatment can also extend a wood product's lifespan.

The choice of treatment often depends on the wood's application. Properly treated wood adds structure and character to interior and exterior surfaces. Opaque painting or translucent finishes allow you to achieve the exact color that best fits your interior design and overall building aesthetic.

All painting and finishing work is done in our industrial paint shop. We use water-based, eco-friendly coatings and paints from reputable manufacturers. Our fire-retardant treatments can bring wood to a B-s1, d0 fire class.

To operate as environmentally responsibly as possible, a batch must be at least 500 meters. This minimizes raw material waste and keeps our operations efficient.

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 challenging conditions. With Tuuli Sauna products, a sauna can be decorated in a stylish, timeless, or modern way—either in harmony with the rest of the home or as a distinct and unique space. They allow the home's interior theme to continue into the sauna, or for the sauna to stand out as a completely different 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 products 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).