

KUUSIPANEELI

21x170 STV OK HÖYLÄHIRSI

4459



lauta.fi/4459



Introduction

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

Product description

- ✓ 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

Tuotenumero	4459
Tuotenimi	KUUSIPANEELI 21x170 STV OK HÖYLÄHIRSI
Saatavuus	Ole yhteydessä myyntiin
Puulaji	Kuusi
Vahvuus (mm)	21
Leveys (mm)	170
Paino (kg/myyntiyksikkö)	1,678
Neliömenekki (m/m ²)	6,3
Hyötyleveys (mm)	160
Päätyponttaus	Ei
Piilokiinnityspontti	Ei
Hiilijalanjälki (CO ₂ e kg/jm)	0,15
Hiilikädenjälki (CO ₂ e kg/jm)	-2,71
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.

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](tel:+358331236000) (On weekdays 8-16).