# BATTEN

FINNISH PINE 45 x 45 SHP OM

4564

lauta.fi/4564

## Introduction

- ✅ Made from Finnish wood, responsibly produced
- ✅ Stylish and affordable
- ✅ Beautiful grain pattern
- ✅ Easy to work with and finish
- ✅ PEFC-certified

## Product description

✅ Finnish wood, responsibly manufactured in Lempäälä

✅ Completely natural and safe product

✅ Beautiful grain pattern

✅ Natural and warm appearance

✅ PEFC-certified

Our product uses pine, a domestic softwood with an elegant grain that creates a natural and warm atmosphere indoors. Easy to work with and finish, pine is ideal for interior applications such as paneling, flooring, trim, and finishing. Its beautiful grain and natural color make it an aesthetically appealing choice for visible surfaces. Our PEFC-certified pine products are responsibly produced and environmentally friendly.

## Product information

### Product information

| | |
|---|---|
| **Tuotenimi** | RIMA MÄNTY 45 x 45 SHP OM |
| **Tuotenumero** | 4564 |
| **Alkuperämaa** | Suomi |
| **Saatavuus** | Tuote poistuu valikoimasta |
| **CN-koodi** | Pine - Calibrated - CN 4407 1120 |

### Product measurements

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|---|---|
| **Vahvuus (mm)** | 45 |
| **Leveys (mm)** | 45 |
| **Paino (kg/myyntiyksikkö)** | 0,992 |
| **Neliömenekki (m/m²)** | 15,38 |

### Product features

| | |
|---|---|
| **Puulaji** | Mänty |
| **Pintakäsittely** | Ei käsitelty |
| **Palokäyttäytyminen** | D-s2, d0 |

### Sustainability

| | |
|---|---|
| **Hiilijalanjälki (CO2e kg/jm)** | 0,08 |
| **Hiilikädenjälki (CO2e kg/jm)** | -1,54 |
| **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 a nd character to interior and exterior surfaces. Opaque painting or translucent finishes allow you to a chieve 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.

## Design

### Bring Interiors to Life with Panels

Lauta.fi's **Tuuli Indoor** product family, consisting of versatile interior wall panels and decorative wood products, creates expressive interiors for homes and other indoor spaces. Designed as permanent interior solutions, Tuuli Indoor products aim for the highest possible comfort without compromising environmental responsibility.

The range includes ceiling and wall panels, floorboards, railing and frame timber, as well as other boards and slats for finishing purposes. They can be used to decorate single-family homes, apartments, and other living spaces according to personal taste, and are also suitable for offices, customer areas, and public buildings—anywhere adaptable and expressive panels are needed.

Tuuli Indoor offers a variety of panel profiles, from traditional to modern. By combining products creatively, you can directly influence the mood of a home or other space. Lighting plays a key role in interior design, and well-planned paneling can enhance lighting solutions. For example, sharp-edged profiles can create strong contrasts under suitable lighting, while rounded shapes produce a softer atmosphere. Panels can also affect a room's acoustics and echo.

Wood is often chosen for interior cladding due to its eco-friendly properties. It is a natural, character-rich material suitable for walls, many wet areas, and, of course, saunas. Common wooden interior products include wall and ceiling panels, boards, mouldings, and slats, but wood is also used in interior details and decoration.

Wood is often combined with other materials such as stone, metal, tile, or glass. A wooden feature wall, for instance, can dramatically change the sense of space in a home. With finishing methods such as painting, lacquering, waxing, or heat treatment, wood products can be made fully customized in both appearance and feel.

All **Tuuli Sauna** products, designed for sauna heat and humidity, are also suitable for interior use and are fully compatible in style with Tuuli Indoor. However, Tuuli Indoor products are intended for other interior spaces and are **not** suitable for saunas.

Tuuli Indoor products are made from pine, spruce, and radiata pine. Each piece is unique thanks to the natural variations of wood. Compared to common interior materials like MDF, particleboard, plastic, plasterboard, concrete, metal, or glass, Tuuli Indoor is a natural, durable alternative. Design details such as back-side grooves reduce internal stress in the boards, helping them stay straighter over time.

### Slatted Panels

When covering large areas such as ceilings, slatted panels make installation faster and easier. They add depth and refinement to interior walls and ceilings.

The panels come in varying widths, offering solutions for many types of homes and workplaces. Mixing different widths creates visual variety. False-tongue slatted panels are also available to further simplify installation. They are offered in various materials, colours, and finishes, and can be painted or surface-treated for a unique look.

Slatted panels can even be combined with individual slats in the same space to create distinctive, one-of-a-kind wall or ceiling designs.

### Paneling Planning

- Choose the wood species to be used
- Decide the desired panel widths
- Determine the installation direction
- Allow for 10–15% material waste

Multiple widths and wood species can be used in the same surface, but careful planning is key for a cohesive look. The installation direction can also be changed within the same surface for added design impact.

## 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).