



PRODUCTS FOR INTERIOR PANELING

During the thermal treatment process, domestic pine obtains excellent water-repelling properties and turns various shades of color like those found in hardwood trees. The wood creates a cozy, warm atmosphere for interiors and the improved thermal insulation properties achieved during thermo-processing reduce energy consumption.

Thanks to the wood's pitch-free properties and dimensional stability, the panels are easy to assemble, and they also retain their shape in humid areas. Spreading a thin coat of paraffin oil, wax or varnish preserves the wood's various shades of color as well as its natural beauty. Lunawood is hygienic and therefore requires only light surface cleaning.

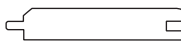

Primary wood type: selected pine

Dimensions: 3 m

Thermo-processing categories: LunaThermo-S and -D, i.e. light and dark

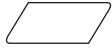


Walls, ceilings, linings for beams, and saunas

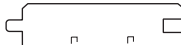
| | | | |
|-------|-------------------|--|--|
| 15x92 | Lunapanel; smooth | Modern profile with a 1.5-mm bevel, also suitable for floor renovations on top of old flooring |  |
| 15x92 | STP | Traditional profile |  |

Both types are available in 'old rustic'.


Decorative and protective lattices

| | | |
|-------|---|--|
| 26x68 | Parallelogram, spaces between gaps are consistent |  |
|-------|---|--|

Floors

| | | | |
|---------------|-----|---|--|
| 26x92-117-140 | HLL | With or without grooved ends Due to its equilibrium moisture content, it does not crack and it is pleasant to walk on. |  |
|---------------|-----|---|--|

Sauna benches

| | | | |
|-------|-----|--|--|
| 26x92 | SHP | Designed to withstand heat and moisture Hygienic, a becoming protective color and light-weight for easy cleaning Dark panel and light bench combined |  |
|-------|-----|--|--|

Other dimensions and profiles are also available upon request as special order.

For more information and instructions for installation and use, please see our website at www.lunawood.fi

Properties of thermo-wood

- Retains its size and shape
- Improved thermal insulation
- Improved resistance to weathering and decay
- Through-and-through coloring in various shades of brown
- Reduced contraction and expansion of the wood due to variation in its moisture content
- Pitch removal from evergreen trees
- Hygienic, preservative-free and environmentally sustainable timber
- Desired amount of breaking and splitting resistance according to the type of treatment



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INSTRUCTIONS FOR USE

Storage

We recommend that you store unfinished thermo-wood in a place where it is off the ground and protected from dirt, rain, and sunlight. Thanks to its dimensional stability, thermo-wood boards keep their straight shape during storage and on the construction site.

Fastening

Thermo-processing makes wood slightly more susceptible to splitting. For this reason, we recommend that you use self-drilling screws that have few spirals, or drill the holes before you start screwing the boards down to prevent them from splitting. When using nails to fasten the boards, hammer them into pre-drilled holes at an appropriate distance from the end of the board. It is advisable to use a nail punch for the last 2–3 mm. Grooved boards should be fastened into pre-drilled holes from over the top of the tongue such that the screw or thin nail is driven in at an angle of less than 40°. When using a pneumatic nailing machine, you should adjust the force of impact such that the nails are not driven too deep into the wood. To prevent discoloring and corrosion, we recommend using stainless-steel or acid-proof fasteners in moist or humid places. Zinc-plated and yellow-passivated fasteners are suitable for dry, indoor areas. Galvanised nails are suitable for fastening outdoor cladding if the boards are to be painted after being nailed. Roster dyckert nails are suitable to use.

Color and surface treatment

Lunawood thermo-wood should be surface-treated because this protects and gives life to the surface and color of the wood and makes cleaning it easier. We recommend that you surface-treat Lunawood for indoor use with paraffin or wood oil, wax, a wood-protecting agent or paint to protect the wood's surface. The surface-treatment agent should be mixed thoroughly and spread with a paint brush or sponge and the excess agent should be wiped off before it dries. Surface-treating the wood several times will give it a durable surface, and new coats of surface-treatment agent should be applied as needed. We recommend you abide by the manufacturers' instructions for using surface-treatment agents.

We do not recommend using natural vegetable oils to coat Lunawood because they may contain nutrients that cause decay and mold in the wood. Lunawood does not contain such nutrients.

Paint sticks to Lunawood extremely well because of the wood's ability to retain its size and shape in moist conditions.

WHERE TO USE LUNAWOOD

Creating a sense of cozy warmth, beautiful, chemical-free Lunawood thermo-wood is a durable material for building and can be used both indoors and outdoors. 'Artificially' aged thermo-wood is an excellent choice when you want to create an old, patinated look.

Both of the LunaThermo categories, S and D, are suitable to use indoors. Using dark shades of wood creates an impressive, chic look. Products for decks in the LunaThermo-S category can be used outdoors in places covered or roofed.

WORKING WITH LUNAWOOD

Lunawood thermo-wood is easy to work with but it requires a bit more from the tools you use.

Thermo-wood creates warm, dimensionally stable and beautiful structures that look like hardwood for interior decorating and outdoor building.