

## PRODUCTS FOR OUTDOOR CLADDING

Thanks to thermal treatment, Lunawood products possess several favorable properties. The wood retains its size and shape well, and it has improved decay-resistant and water-repelling properties.

Colored through and through, thermo-wood blends in beautifully with nature and it is a good insulator of heat and cold. Therefore, it is an excellent choice for cladding buildings. Lunawood is pitch-free, light-weight, easy to work with and drill into. Being naturally dry and pure, Lunawood is ready for surface-treatment.

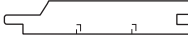
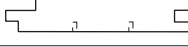
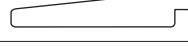
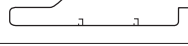


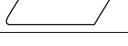
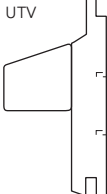
Pine in the LunaThermo D category has been designed for use outdoors. It belongs to category 2 in the KOMO certification system, which means it withstands varying weather conditions well. This is evident in the demanding conditions of the Mediterranean. Thanks to its dimensional stability, the wood's painted surface does not crack and the intervals between repainting are much longer. Being chemical-free, the wood can be safely burned or recycled after its long life cycle.

**The 'rustic' qualities are especially suitable for imitating old wood.**

Wood type: selected pine and spruce

Dimensions: 3 m and longer

Thermo-processing category: LunaThermo D.

19 and 26x92 and 117	UTV	Available with smooth surface or, upon request, with a fine-grooved 'velvety' surface or brushed	
19x117	UTS		
25x140	UYL	Available with smooth surface or, upon request, with a fine-grooved 'velvety' surface or brushed	
19x140	UYK	Available with smooth surface or, upon request, with a fine-grooved 'velvety' surface or brushed	
19 and 26x92-117 and 140	SHP	Available with smooth surface or, upon request, with a fine-grooved 'velvety' surface or brushed	
42x42/28	Slanted batten		
26x68	Parallelogram		
Combined version of slanted batten and UTV			

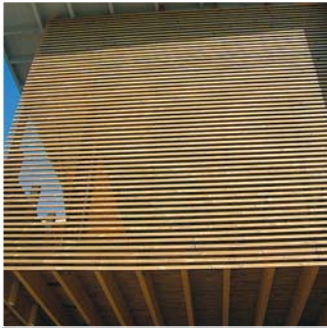
Other dimensions and profiles are also available upon request as special order.

For more information and instructions for installation and use, please see our website at [www.lunawood.fi](http://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

We recommend that you surface-treat your Lunawood thermal wood. Surface-treatment protects the surface and color of the wood and makes cleaning it easier. Unfinished thermo-wood is also durable, but the color of its surface tends to fade to gray with time due to the sun's UV rays. If necessary, you can restore the wood's original color.

We recommend that you treat your Lunawood with tinted/pigmented wood oil, wax, wood-protecting agent, or glazing paint, which contain a UV protector. 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. When the color begins to fade, a new coat of surface treatment agent may be applied. 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. However, it is possible that these nutrients seep into the wood as a result of air pollution and for this reason the wood should be protected. Using agents that form a film that does not permeate air should be avoided.

Paint sticks to Lunawood extremely well because of the wood's ability to retain its size and shape in moist conditions. Compared to the surface of ordinary wood, the intervals between repainting are much longer.

## 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.

Products in the LunaThermo-D category are suitable for use outdoors. However, they can also be used indoors when you want to create a stylish and impressive interior with dark colors. 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.

