



# NORDIC PINE (ECOTHERMO)

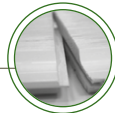
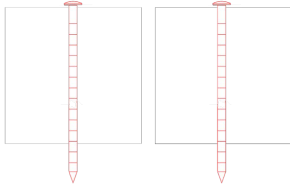
THICKNESS X WIDTH FACE  
COVER: 43 x43 MM  
WOOD SPECIE: Nordic Pine  
(EcoThermo)

BOARD: Calibrated, planed on both sides  
PROFILE: Square  
Ref. C19

**sivalbp**<sup>®</sup>  
bois, technologie & design

Non-contractual image

## PROFILE: SQUARE 43x43



END-MATCHED

- Fixed length of 3.30 m.
- Visible fastening
- No grooves at the ends

## CHARACTERISTICS

- **EcoThermo** solid wood board.
- Planed on both side.
- Thermostabilised boards will clear up in the first weeks under the effect of UV and according to exposure and building's architecture. They will then evolve towards a natural graying.
- The Sivalbp-**Authentic** range offers a range of unfinished products: the natural wood aesthetics.



- EcoThermo external cladding, environmentally friendly.
- Excellent dimensional stability and durability
  - Neutralizes resin pockets
- Suitable for all climatic conditions



## WOOD SPECIE: NORDIC PINE (ECOTHERMO)

**Nordic Pine:** Scandinavian timber, lasting-up to 50 years, **PEFC certified (PEFC/10-31-1593)**.


**Singularities and knots:** slow-growing essence; fine veining; medium knots.

Available only with our EcoThermo process.



- Friendly environmentally process and chemical free
- Exceptional durability and stability
- Better resistance to the weather

**CE**  
NFEN 14915  
All our boards are compliant with CE marking

WOOD SPECIE		THERMAL PROCESS	DURABILITY	TECHNICAL PROPERTIES		
<b>Nordic Pine</b>		<b>Thermostabilisation</b> Ecological process, environmentally friendly and chemical free. It consists in moisturising and heating the wood to high temperature. This process gives the boards exceptional durability and stability and greatly reduces the shrinkage phenomenon. The wood acquires an even, brown colour all the way through and neutralizes resin exudation.	<b>Use class:</b> <b>3.2</b> (without sapwood) according to FD P20-651	<b>Behavioural fire restrictions</b>	<b>Thermal characteristics according to NF EN 12 524</b>	<b>Water vapour permeability according to NF EN 12 524</b>
Geographical area: Scandinavia Quality: A/B choice NF EN 14519				Reaction to fire : NC	Thermal resistance R in m <sup>2</sup> . K/W: 0,13	Water vapour resistance: 72 μ
PEFC certified			Nordic Pine, lasting up to 50 years	Combustible mass in MJ/m <sup>2</sup> : 136		Average density: 520 kg/m <sup>3</sup> to 12% wood moisture
<b>Carbon footprint:</b> 6.29 kg CO <sub>2</sub> eq./m <sup>2</sup> (module D excluded)*						

\* Consult our Environmental and Health Declaration Sheets on the INIES database

MECHANICAL PROPERTIES						
Breaking stress in compression: NC* Nm/mm <sup>2</sup>	Breaking stress in tension: NC* Nm/mm <sup>2</sup>	Breaking stress in shear: NC*	Breaking stress in bending: NC* N/nm <sup>2</sup>	Modulus of elasticity in bending: NC* N/nm <sup>2</sup>	Compliance for French implementation in Q4 area : NC	
PREPARATION FINISH	SHADE	THICKNESS X WIDTH FACE COVER IN MM	BOARD	LENGTHS (M)* (according to availability)	FITTING	PACKAGING
<b>Planed</b>	without finish	43x43 mm	Calibrated solid wood	3.30 m	<b>1 nail</b> (see installation tips below)	Full load of 400 unitsx4

\*For solid wood boards with end-matched, the effective length is equal to the standard supply length invoiced minus 30 millimeters.

## INSTALLATION ADVICES



**To ensure the products are correctly installed, the rules laid out in the French code of practice DTU 41.2 for external cladding, and our Technical Guide, should be observed.**

- Store the boards in a dry place, sheltered from the elements and ventilated.
- Vertical installation outdoors or horizontal or vertical installation indoors (double battens required for vertical installation).
- Cladding must be fixed on batten with a minimum of 27 mm thickness (32 mm for UK).
- They must be attached at a minimum of 40 cm and a maximum of 65 cm apart (60 cm for UK).
- A waterproof membrane satisfying the standard must be installed (except for walls which are already watertight, solid concrete walls).
- **Mandatory air gap** behind Sivalbp cladding to ensure a good ventilation. The air outlets must be at the base and the top of the cladding elevation.
- Ensure a minimum of 20 cm above ground clearance.
- Assembly by interlocking (end-matched on the 4 sides).
- Fastening with screws or twisted or ringed stainless steel nails – only one fastener (center-to-center distance of 40 cm).
- The head of the nails or screws must not penetrate further than 1 mm into the boards.

## MAINTENANCE

- Wood is a natural and not homogeneous material which can contain some particularities. Boards contain knots of various, for the greater part healthy dimaters and members.
- Living material, maintenance free, wood without finish can in the time present molds of surface, without compromising the durability of wood.
- Regarding the sustainability of aspect, it is underlined that woden species not dressed in finish will turn natural grey over time.

## GENERAL REMARK

Wood is a natural and heterogeneous material, subject to varying degrees of dimensional variations, depending on humidity and climatic conditions. These factors can cause, among others, cracking, resin exudation, shrinkage and curling.



Find all of our **DOCUMENTATION** on our website: [sivalbp.fr](http://sivalbp.fr)



Get our installation advice in the SIVALBP **TECHNICAL GUIDE**



Download our **MAINTENANCE BOOKLET** for our maintenance recommendations

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