

NORDIC PINE (ECOTHERMO)

THICKNESS X WIDTH FACE COVER: 20x140 mm
WOOD SPECIE: NORDIC

PINE (EcoThermo)

BOARD: Brushed solid wood

PROFILE: Trapézo SHADE: Café 111

Ref. A80







- EcoThermo cladding, environmentally friendly.
 - Vintage colours revisited.
- Preserves the natural look of wood.
- A protection against UV, chemical free and waterproof.
- A non film forming finish that penetrates into the wood and does not flake over time.
 - Easy maintenance, allows naturally evolving wood.

PROFILE: TRAPÉZO 20x140





- Nailing line: easy installation.
- End-matched: simplifies installation and reduces the cutting wastage.

CHARACTERISTICS

- EcoThermo solid wood board.
- Trapézo profile, end-matched: facilitates the fitting and reduces the cutting wastage.
- Brushed surface: it gives an optimal and texture surface; it brings out the natural grain and increases penetration and efficiency of the coating.
- Thermostabilised boards will clear up in the first weeks under the effect of UV and according to exposure and building's architecture.
- Class 3.1 preservation, CTBB+ certified, sprayed on the 4 sides.
- New generation preservation: fungicide, anti-bluestain, insecticide, anti-termite.
- Finish:
 - > Water-based penetrating finish made with acrylic resin and natural mineral pigment (chemical free).
 - Industrial quality finish applied under strictly controlled factory conditions, ensuring consistent and unifrom application.
 - > Application of a finish on the reverse side ensuring a good balance of the board.
 - > The durability of the wood is guaranteed for 10 years with preservation.
- The Sivalbp-Vintage finish allows to delay the natural ageing process for minimum 3 years, according to exposure and building's architecture. Nordic Pine, lasting up to 50 years.

SHADE: CAFÉ 111



WOOD SPECIE: NORDIC PINE (ECOTHERMO)

Nordic Pine: Scandinavian timber, lasting up to 50 years, 3 class thanks to thermostabilisation, **PEFC certified (PEFC/10-31-1593)**. Exceptional durability and stability.















| WOOD SPECIE | | THERMAL PROCESS | DURABILITY | TECHNICAL PROPERTIES | | S |
|---|------|--|--|--|--|--|
| Nordic Pine Geographical area: Scandinavia Quality: A/B choice NF EN 14519 Thanks to the thermostabilisation, Nordic | | Thermostabilisation Ecological process, environmentally friendly and chemical free. It consists in | Use class: 3.1 with the Sivalbp | Behavioural fire restrictions | Thermal characteristics according to NF EN 12 524 | Water vapour permeability according to NF EN 12 524 |
| Thanks to the thermostabilisation, Nordic Pine becomes an excellent material for an external use. PEFC™ certified | | moisturising and heating the wood to high temperature. This process gives the boards exceptional durability and | preservation certified CTB B+ | EUROCLASSE D-s2, d0 for reaction to fire (according to 14915 standard) | Thermal resistance R | Water vapour resistance: 72 µ |
| Carbon footprint: 4.82 kg CO ₂ eq./m ² (module D excluded)* | FDES | stability and greatly reduces the shrinkage phenomenon. The wood acquires an even, brown colour all the way through and neutralizes resin exudation. | Nordic Pine, lasting up to 50 years | Combustible mass in MJ/m²: 136 | in m ² . K/W: 0,13 | Average density: 520 kg/m³ to 12% wood moisture content |

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

| | | | MEC | HANICAL | . PROF | PERTIES | | |
|---|---|----------|---|--------------|---|--|---|--|
| Breaking stress in compression: NC* Nm/mm² | Breaking stress in tension: NC* Nm/mm ² | | Breaking stress in shear: NC | | Breaking stress in bending: NC N/nm² | | Modulus of elasticity in bending: NC N/mm ² | Compliant for French implementation in Q4 area (impact resistance) |
| PREPARATION FINISH | | SHADE | THICKNESS X WIDTH FACE COVER IN MM | BOAR | RD | LENGTHS (M)* (according to availability) | FITTING | PACKAGING |
| Brushed solid wood 1 coat of wood preservative 3.1 use class on the four sides: 100 g/m² 1 coat penetrating finsih on the side: 120 g/m² 1 coat of white paint on the reverse side: 50 g/m² | | Café 111 | 20x140mm | Brushed wood | | 3.60 - 3.90 - 4.20 - 4.50 - 4.80 - 5,10 m | 1 nail in the center of the slat for a 40 cm distance between centres + double up the nails at the ends (find installation advice below) | Packs x boards/pack: 64x4 |

^{*}For solid wood boards with end-matched, the effective length is equal to the standard supply length invoiced minus 30 millimeters. NPD: not performance declared. NC: non communicated.

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 only: mandatory double battening.
- Cladding must be fixed on batten with a minimum of 27 mm thickness (32 mm for UK).
- The distance of the secondary framework must be attached at a minimum of 40 cm and a maximum of 65 cm apart. Single fixing on visible cladding for 40 cm distance between centers. Double fixing on visible cladding for a distance between centres between 40 cm and 65 cm maximum.
- 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 stainless steel screws or stainless steel tips, twisted or ringed.
- The head of the nails or screws must not penetrate further than
 mm into the boards.

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.

 All the cuts must be touched up with Sivalbp-Vintage paint. We also recommend that the ends of the boards should also be treated.

ACCESSORIES AND FINISH CUTS TOUCH UP

- Accessories available in 1 shade: café 111
- Available finish cuts touch up in tins of 1L and 5L: all cuts must be touched up (see French DTU 59.1)

| Profile | | |
|------------------------------------|--------------------------|---------------|
| Product | Complex corner trim | Board |
| Surface finish | Sanded finger-jointed | Sanded glulam |
| Thickness x width face cover in mm | 67x55 | 25x270 |

MAINTENANCE

- To maintain the shine of the colors, clean annually by lightly brushing the surface (avoid high pressure cleaners).
- The Sivalbp-Vintage finish does not flake. Color renovation made easier without stripping or sanding, if necessary and depending on the building's exposure and architecture.
- As soon as necessary, apply the Sivalbp-Vintage saturator directly with a spray gun or brush in 1 or 2 coats to re-saturate the wood fibers.
- A sustained finish will help to preserve the cladding.
- We advise you to contact a professional who will apply the appropriate renovation procedure.



Find all of our **DOCUMENTATION** on our website: **sivalbp.fr**



Get our installation advic in the SIVALBP TECHNICAL GUIDE



Download our MAINTENANCE BOOKLET for our maintenance recommendations

