

NORDIC PINE (ECOTHERMO)

THICKNESS X WIDTH FACE COVER: 20x65 mm WOOD SPECIE: Nordic Pine

(EcoThermo)

BOARD: Brushed solid wood

PROFILE: Trapézo SHADE: Irisé 108

Ref. 461





- Rounded edges for a better lasting of the finish.
- End-matched: simplifies installation and reduces the cutting

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
- Class 3.1 preservation, CTBB+ certified, sprayed on the 4
- 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-New Age 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: IRISÉ 108



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.















NORDIC PINE (ECOTHERMO)

WOOD SPECIE	THERMAL PROCESS	DURABILITY	TECHNICAL PROPERTIES			
Nordic Pine Geographical area: Scandinavia Quality: A/B choice NF EN 14519	Thermostabilisation 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	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	
PEFC certified		preservation certified CTB B+	Reaction to fire : NPD*	Thermal resistance R	Water vapour resistance: 72 µ	
Carbon footprint: 6.29 kg CO ₂ eq./m ² (module D excluded)*	shrinkage phenomenon. The	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

MECHANICAL PROPERTIES									
Breaking stress in compression: NC* Nm/		ng stress in tens NC* Nm/mm²			shear:	hear: 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		KNESS X WIDTH COVER IN MM	BOA	ARD	LENGTHS (M)* (saccording to availability)	FITTING	PACKAGING
Brushed solid wood 1 coat of saturator by sprayin the facing 1 coat of white stain for cour balancing		Irisé 108		20x65 mm	Brushed wo		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: 96x6

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

*NPD: No Performance Determined. 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.
- Can be fitted vertically 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.
- All the cuts must be touched up with Sivalbp-New Age 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: irisé 108
- Available finish cuts touch up in tins of 1L or 5L: all cuts must be touched up (see French DTU 59.1)

Profile			
Product	Complex corner trim	Board	
Surface finish	Solid sanded finger- jointed	Sanded glulam	
Thickness x width face cover in mm	67x55	25x275	

MAINTENANCE

- To maintain the bright of colors, clean annually by lightly brushing the surface (avoid high pressure cleaners).
- This gray finish will evolve naturally and very gradually over
- If necessary and according to the exposure and the architecture of the building, renovation of the color is facilitated without stripping or sanding.
- As soon as necessary, apply Sivalbp New Age saturator directly a spray or paintbrush in 1 or 2 coats to re-saturate the wood
- 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



TECHNICAL GUIDE



Download our **MAINTENANCE BOOKLET** for our maintenance

