SIVALBP ÉLÉGANCE

EXTERNAL CLADDING WOOD TONES SATURATORS

NORDIC PINE (ECOTHERMO)

THICKNESS X WIDTH
FACE COVER: 20x125 mm
WOOD SPECIE: NORDIC PINE (EcoThermo)
BOARD: Brushed solid wood

PROFILE: Linéa
SHADE: Cuivré 110
Ref. 318

sivalbp
bois, technologie & design



SIVALBP

- EcoThermo external cladding, environmentally friendly.
- Excellent dimensional stability and durability
- Neutralizes resin pockets
- Suitable for all climatic conditions
- A non film forming finish that penetrates into the wood and does not flake over time.
- Easy maintenance, allows naturally evolving wood.

PROFILE: LINÉA 20x125





END-MATCHED

- Rounded edges for a better lasting of the finish.
- **Nailing line:** easy installation.
- Secret nail for a maximum wood moisture content of 18%.
- **Conical tongue:** better fitting and quick to install.
- **End-matched:** simplifies installation and reduces the cutting wastage.

CHARACTERISTICS

- External EcoThermo solid wood board.
- **Linéa profile, one secret nail on the nailing line, 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-**Élégance** 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.
- **Product complies with DTU 41.2 (French text) and has an individual certificate CTB Ecothermo Siding No.534-26-2001.**

SHADE: CUIVRÉ 110



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.

PEFC 10-31-1593 Promoting Sustainable Forest Management www.pefc-france.org

CTB CERTIFIÉ PAR FCBA BARDAGE ECOTHERMO CERTIFICATION INDIVIDUELLE N° 534

Eco Thermo by Sivalbp

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

FDES VÉRIFIÉE inies

MADE IN FRANCE

CTBB+ CERTIFIÉ PAR FCBA BOIS PRÉSERVÉS

CE NF EN 14915

All our boards are compliant with CE marking

NORDIC PINE (ECOTHERMO)

Thickness x width face cover: 20x125 mm
Brushed solid wood - Linéa - Cuivré 110 - Ref. 318

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 shrinkage phenomenon. The wood acquires an even, brown colour all the way through and neutralizes resin exudation.	**Use class: 3.1** with the Sivalbp preservation certified CTB B+	**Behavioural fire restrictions**	**Thermal characteristics according to NF EN 12 524**	**Water vapour permeability according to NF EN 12 524**
PEFC certified				EUROCLASSE D-s3, d0 for reaction to fire (according to 14915+A1 : 2017 EN NF standard)	Thermal resistance R in m^2. K/W: 0.13	Water vapour resistance: 72 µ
Carbon footprint: 6.29 kg CO_2 eq./m^2 (module D excluded)*	FDES verified INIES		Nordic Pine, lasting up to 50 years	Combustible mass in MJ/m^2: 136		Average density: 520 kg/m^3 to 12% wood moisture content

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

MECHANICAL PROPERTIES					
Breaking stress in compression: NC* N/mm^2	Breaking stress in tension: NC* N/mm^2	Breaking stress in shear: NC*	Breaking stress in bending: NC* N/mm^2	Modulus of elasticity in bending: NC* N/mm^2	Compliant for French implementation in Q5 area (impact resistance)

PREPARATION FINISH	SHADE	THICKNESS X WIDTH FACE COVER IN MM	BOARD	LENGTHS (M)* (according to availability)	FITTING	PACKAGING
Brushed solid wood 1 coat of saturator by spraying on the facing 1 coat of white stain for counter-balancing	**Cuivré 110**	20x125 mm	Brushed solid wood	3.60 - 3.90 - 4.20 - 4.50 - 4.80 - 5.10 m	1 secret nail on the nailing line (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.
- Can be fitted horizontally or vertically (mandatory double battening 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 stainless steel screws or stainless steel tips, twisted or ringed – 1 secret nail fixed on the nailing line.
- The head of the nails or screws must not penetrate further than 1 mm into the boards.
- **All the cuts must be touched up with Sivalbp-Elégance paint.** We also recommend that the ends of the boards should also be treated.

GENERAL REMARK

Excess of nacre may be present on the panels upon installation. This phenomenon is well known and does not affect the durability of the façade. These marks are purely aesthetic and naturally fade after a few months of UV exposure. However, if needed, they can be easily removed with a simple wipe of a cloth.

ACCESSORIES AND FINISH CUTS TOUCH UP

- Accessories available in 1 shade: cuivré 110
- Available finish cuts touch up in tins of 1L : all cuts must be touched up (see French DTU 59.1)

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

MAINTENANCE

- Without specific maintenance, the finish will naturally and progressively evolve during the early years. Sivalbp-**Élégance** finish doesn't flake.
- Easy maintenance, without stripping or sanding beyond 3 years according to exposure and building's architecture.
- If you want to maintain the original shade, clean the surface every year with water and apply directly 1 or 2 coats of Sivalbp-**Élégance** finish with a spray or paintbrush in order to re-saturate the wood.
- A sustained finish will help to preserve the cladding.