



# NORDIC SPRUCE

THICKNESS X WIDTH  
FACE COVER: 20x125 mm  
WOOD SPECIE: Nordic  
Spruce  
BOARD: Brushed solid wood

PROFILE: Linéa  
SHADE: Argent 114  
Ref. A01

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SIVALBP

- A bright light grey which 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.

## 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

- Kiln dried to 18% (+/- 2%).
- **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.
- **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 uniform 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.

## SPECIFIC RECOMMENDATIONS

To extend the durability of the cladding, maintenance will be required. Its periodicity will depend on the architecture of the building (see maintenance book).

## SHADE: ARGENT 114




## WOOD SPECIE: NORDIC SPRUCE

Nordic Spruce: Scandinavian timber, PEFC certified (PEFC/10-31-1593), lasting up between 10 to 30 years (3.1 class). Singularities and knots: slow-growing essence; small to medium knots; clear wood.



NF EN 14915  
All our boards are compliant with CE marking

WOOD SPECIE	THERMAL PROCESS	DURABILITY	TECHNICAL PROPERTIES		
<b>Nordic Spruce</b>	Kiln dried to 18% (+/- 2%) guaranteeing the stability of boards and a better lasting of the finish	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
Geographical area: Scandinavia Quality: A/B choice NF EN 14519			EUROCLASSE D-s2, d0 for reaction to fire (according to 14915 NF EN standard)	Thermal resistance R in m <sup>2</sup> . K/W: 0,12	Water vapour resistance: 66 µ
PEFC certified		Nordic Spruce, lasting up between 10 to 30 years	Combustible mass in MJ/m <sup>2</sup> : 164		Average density: 475 kg/m <sup>3</sup> to 12% wood moisture content
Carbon footprint: 4.82 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: 45 N/mm <sup>2</sup>	Breaking stress in tension: 85 N/mm <sup>2</sup>	Breaking stress in shear: 6	Breaking stress in bending: 71 N/mm <sup>2</sup>	Modulus of elasticity in bending: 12 100 N/mm <sup>2</sup>	Not compliant for French implementation in Q4 area (impact resistance)

PREPARATION FINISH	SHADE	THICKNESS X WIDTH FACE COVER IN MM	BOARD	LENGTHS (M)* (saccording to availability)	FITTING	PACKAGING
Brushed solid wood 1 coat of saturator by spraying on the facing 1 coat of white stain for counter- balancing	Argent 114	20x125 mm	Brushed solid wood	3.90 - 4.20 - 4.50 - 4.80 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.

## 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-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: Argent 114
- Available finish cuts touch up in tins of 1L or 5L: all cuts must be touched up (see French DTU 59.1)

Profile	
Product	Corner trim
Surface finish	Sanded finger-jointed
Thickness x width face cover in mm	13x58x58

## MAINTENANCE

- To maintain the bright of colors, clean annually by lightly brushing the surface (avoid high pressure cleaners).
- To extend the aesthetic durability of the cladding over time, plan for maintenance within 4 to 6 years after installation following the exposure of the facade and the architecture of the building.
- As soon as necessary, apply Sivalbp **New Age** saturator directly a spray or paintbrush in 1 or 2 coats to re-saturate the wood fibers.
- A sustained finish will help to preserve the cladding.

## 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. The wood may have singularities such as knots, cracking, splits, resin exudation, etc.



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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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