

External Cladding

LIGHT COATING

sivalbp ELEGANCE

wood specie: **nordic pine**
 thickness x width
 face cover: **20 x 125mm**
 board: **brushed solid wood**
 profile: **élégia**
 shade: **sésame 101**



SIVALBP +

- 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



Shade:
Sésame 101

Wood Specie

Nordic pine: Scandinavian timber, lasting up to 50 years, 3 class equivalent thanks to thermostabilisation, PEFC™ certified. Exceptional durability and stability.

Élégia Profile



Sivalbp Élégia 20 x125

- Rounded edges for a better lasting of the finish
- Nailing line: easy installation
- Secret nail
- Conical tongue: better fitting and quick to install
- End-matched: simplifies installation and reduces the cutting wastage

Cladding Characteristics

- Outdoor thermostabilised solid wood board
- Kiln dried to 18%(+/- 2%)
- Élégia 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 increase penetration and efficiency of the coating
- Class 3.1 preservation, CTB B+ certified, sprayed on the 4 sides
- New generation preservation: fungicide, anti-bluestain, insecticide, anti-termite
- Thermostabilised boards will clear up in the first weeks under the effect of UV and according to exposure and building's architecture
- 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
 - guarantee of 10 years on wood durability with preservation and finish

The Sivalbp-Elégance 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.

WOOD SPECIE	THERMAL PROCESS	DURABILITY	TECHNICAL PROPERTIES		
Nordic pine Geographical area: Scandinavia Quality: Saw-falling Thanks to thermostabilisation, nordic pine becomes an excellent material for an external use. PEFC™ certified	Thermo-stabilisation 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+ Nordic pine lasting up to 50 years	Behavioural fire restrictions	Thermal characteristics according to NF EN 12 524	Water vapour permeability according to NF EN 12 524
			Euroclass D-s2, d0 for reaction to fire	Thermal resistance R in m². K/W: 0.19	Water vapour resistance: 56µ
			Combustible mass in MJ/m²: 136		Average density: 460kg/m³ to 12% wood moisture content

MECHANICAL PROPERTIES					
Breaking stress in compression: NC*n/mm²	Breaking stress in tension: NC*n/mm²	Breaking stress in shear: NC*	Breaking stress in bending: NC*n/mm²	Modulus of elasticity in bending: NC*n/mm²	Not Compliant for French implementation in Q4 area (impact resistance)

PREPARATION / FINISH	SHADE	THICKNESS X WIDTH FACE COVER IN MM	BOARD	LENGTHS (M)* (ACCORDING TO AVAILABILITY)	FITTING	PACKAGING
Brushed 1 coat of wood preservative 3.1 use class on the four sides: 100gr/m² 1 coat of penetrating finish on the side: 110gr/m² 1 coat of white paint on the reverse side: 50gr/m²	sésame 101	20x125mm	brushed solid wood	3.60-3.90-4.20-4.50-4.80-5.10m	1 secret nail on the nailing line (find installation advice below)	Packs x boards/ pack.: 64 x 4 Average pallet in m² L 3.60m: 115m² L 5.10m: 163m²

*For solid wood boards with end-matched, the effective length is equal to the standard supply length invoiced minus 30 millimeters. NC: not communicated

Installation Advice

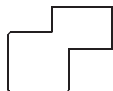

To ensure the products are correctly installed, the rules laid out in the French code of practice DTU 41.2 for external cladding, should be observed:

- 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 27mm thickness (32 mm for UK)
- They must be attached at a minimum of 40cm and a maximum of 65cm 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 20cm above ground clearance
- Assembly by interlocking (end-matched on the 4 sides)
- Use suitable ring annular stainless steel nails or screws – One secret nail fixed on the nailing line
- The head of the nails or screws must not penetrate further than 1mm 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.

Get our installation advice in the SIVALBP technical guide

Accessories and finish cuts touch up

- Accessories available in 1 shade: sésame 101
- Available finish cuts touch up in tins of 0.75 - 2.5 ou 20l: all cuts must be touched up (cf DTU 59.1)

PROFILE		
PRODUCT	Complex corner trim	Board
SURFACE FINISH	Sanded finger-jointed	Sanded glulam
THICKNESS X WIDTH FACE COVER IN MM	67x55	27x275

Maintenance

Without maintenance, this finish will naturally and progressively evolve during the early years. The Sivalbp-Elégance 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-Elégance finish with a spray or a paintbrush in order to re-saturate the wood.

A sustained finish will help to preserve the cladding.