NORDIC SPRUCE

THICKNESS X WIDTH
FACE COVER: 21x125 mm
WOOD SPECIE: Nordic Spruce
BOARD: Brushed solid wood

PROFILE: Clavéa
SHADES: 8 colors

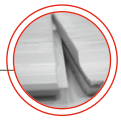
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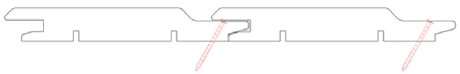

Maison Bois Côté Sud

SIVALBP

- A micro-porous finishing coating, breathable and resistant to mico-cracking.
- Solid wood nordic spruce: an aesthetic appearance enhanced by a selection of boards and a controlled application of the finish.
- Guarantee of 10 years on wood and finish.

PROFILE: CLAVÉA 21x125



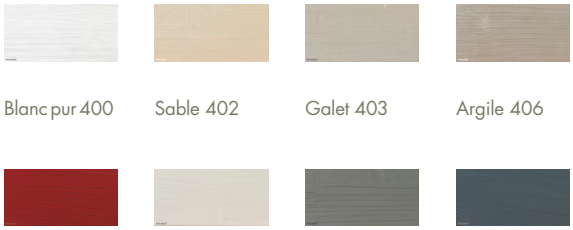


- **Rounded edges** for a better lasting of the finish.
- **Nailing line:** easy installation.
- **Secret nail** for a maximum wood moisture content of 18%.
- **Conical tongue:** better fitting and quick to install.
- **End-matched:** simplifies installation and reduces the cutting wastage.

CHARACTERISTICS

- Solid wood board.
- Kiln dried to 18% (+/- 2%).
- **Clavéa 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**.
- **Colors** opaque finish:
  - > Opaque acrylic paint, water-based, 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.
  - > Guarantee of 10 years on colours finish including supply and labor (Contract insurance: AXA N° 460642C).
  - > The durability of the wood is guaranteed for 10 years with preservation.
- The finish products are only used for finish cuts touch up. If the products are used in another way, Sivalbp responsability can not be engaged.

SHADES: 8 COLORS



Blanc pur 400 | Sable 402 | Galet 403 | Argile 406

Grenat 407* | Perle 408 | Granit 412 | Anthracite 413*

- Guarantee of 10 years

* Grenat 407 & Anthracite 413 colours: colours not recommended in areas subject to harsh exposure described in booklet FD P 20-651 (AFNOR document)

WOOD SPECIE: NORDIC SPRUCE

Nordic Spruce: Scandinavian timber. **PEFC certified (PEFC/10-31-1593)**, lasting up to 50 years (class 3.1 preservation). This is the material of choice in terms of quality and stability for coloured finishes. It is selected for its light fine grained wood and, its slow growth. It reveals small knots which are well integrated into the stucture.

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

MADE IN FRANCE

FDES vérifiée inies

CTBB+ certifié par FCBA bois préservés

CE NF EN 14915
All our boards are compliant with CE marking

NORDIC SPRUCE

Thickness x width face cover: 21x125 mm
Brushed solid wood - Clavéa - 8 colors

SPECIE	THERMAL PROCESS	DURABILITY	TECHNICAL PROPERTIES		
Nordic Spruce	**Kiln dried to 18%** (+/- 2%) guaranteeing the stability of boards and a better lasting of the finish	**Use class: 3.1** with 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 choice NF EN 14519			Reaction to fire: NPD*	Thermal resistance R in m^2. K/W: 0.12	Water vapour resistance: 66 µ
PEFC certified		Nordic Spruce. lasting up to 50 years	Combustible mass in MJ/m^2: 164		Average density: 475 kg/m^3 to 12% wood moisture
Carbon footprint: 6.29 kg CO_2 eq./m^2 (module D excluded)*					

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

MECHANICAL PROPERTIES					
Breaking stress in compression: 45 N/mm^2	Breaking stress in tension: 85 N/mm^2	Breaking stress in shear: 6	Breaking stress in bending: 71 N/Nm^2	Modulus of elasticity in bending: 12 100 N/mm^2	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 wood preservative 3.1 use class on the four sides: 100 g/m^2 1 coat penetrating finsih on the side: 270 g/m^2 1 coat of white paint on the reverse side: 100 g/m^2	**8 colors**	21x125 mm	Brushed solid wood	3.90 - 4.20 - 4.50 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: No 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-Colors paint. We also recommend that the ends of the boards should also be treated.

ACCESSORIES AND FINISH CUTS TOUCH UP

- Accessories available in 8 shades
- Available finish cuts touch up in tin of 1L: 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 brilliance of colors, during the first 10 years, clean annually by lightly brushed the surface with Sivalbp cleaning product (avoid pressure cleaners).
- If you want to maintain the original shade, apply directly (without stripping or sanding) 1 or 2 coats of Sivalbp-Colours finish with a spray or a paintbrush.
- A sustainaed 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.

Yellow stains may be present on the boards upon installation or appear in the following days. This phenomenon does not affect the durability of the façade in any way. These marks are purely aesthetic and will naturally fade after a few weeks of exposure to UV light.

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

Get our installation advice in the SIVALBP **TECHNICAL GUIDE**

Download our **MAINTENANCE BOOKLET** for our maintenance recommendations

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