SIVALBP ÉLÉGANCE

EXTERNAL CLADDING WOOD TONES SATURATORS

DOUGLAS FIR

THICKNESS X WIDTH
FACE COVER: 27x125 mm
WOOD SPECIE: DOUGLAS FIR
BOARD: Sanded solid Wood

PROFILE: Affinéa
SHADE: Malt 112
Ref. A42

sivalbp
bois, technologie & design



SIVALBP

- **Compatible with our Soléa II profile**
- 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.

PROFILE: AFFINÉA 27x125





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

- Solid wood board.
- Kiln dried to 18% (+/- 2%).
- **Affinéa profile, one secret nail on the nailing line, end-matched:** facilitates the fitting and reduces the cutting wastage.
- Sanded surface: it prepares the grip of the finish and provides smooth surface.
- **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. Douglas fir, lasting up to 50 years.

SHADE: MALT 112



WOOD SPECIE: DOUGLAS FIR

Douglas Fir: French timber, lasting up to 50 years, **PEFC certified (PEFC/10-31-1593)**.
Singularities and knots: fast-growing essence; medium veining; medium to large knots; marked singularities.

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

REACTION TO FIRE EUROCLASS D

MADE IN FRANCE

FDES VERIFIÉE inies

CTBB+ CENTRE TECHNIQUE DU BOIS ET DE L'AMEUBLEMENT

CE NF EN 14915

All our boards are compliant with CE marking

DOUGLAS FIR

Thickness x width face cover: 27x125 mm
Sanded solid Wood - Affinéa - Malt 112 - Ref. A42

WOOD SPECIE	THERMAL PROCESS	DURABILITY	TECHNICAL PROPERTIES		
Douglas Fir Geographical area: wood specie sourced in France Quality: A/B choice NF EN 14519 A fast-growing specie, characterised by a marked-grain, a pink colour and the presence of tight sound knots. PEFC certified **Carbon footprint:** 5.38 kg CO_2 eq./m² (module D excluded)*	**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+ Douglas Fir, lasting up to 50 years	**Behavioural fire restrictions** EUROCLASSE D-s2, d0 for reaction to fire (according to french PV Feu N° EFR-23-005372-REV1) Combustible mass in MJ/m²: 186	**Thermal characteristics according to NF EN 12 524** Thermal resistance R in m². K/W: 0,13	**Water vapour permeability according to NF EN 12 524** Water vapour resistance: 72 µ Average density: 525 kg/m³ to 12% wood moisture content

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

MECHANICAL PROPERTIES					
Breaking stress in compression: 55 N/mm²	Breaking stress in tension: 93 N/mm²	Breaking stress in shear: 9,5	Breaking stress in bending: 85 N/Nm²	Modulus of elasticity in bending: 12 100 N/mm²	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
Sanded solid wood 1 coat of saturator by spraying on the facing 1 coat of white stain for counter-balancing	**Malt 112**	27x125 mm	Sanded solid Wood	3.00 - 3.50 - 4.00 - 4.50 - 5.00 m	1 secret nail on the nailing line (find installation advice below)	Packs x boards/pack: 48x4

*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-Elégance 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: Malt 112.
- 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	Complex corner trim	Board
Surface finish	Sanded finger-jointed	Sanded finger-jointed	Sanded solid glulam
Thickness x width face cover in mm	13x58x58	67x55	25x275

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.

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.

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

sivalbp® bois, technologie & design