SIVALBP ÉLÉGANCE

EXTERNAL CLADDING WOOD TONES SATURATORS

# LARCH

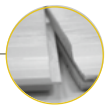
THICKNESS X WIDTH
FACE COVER: 27x125 mm
WOOD SPECIE: LARCH
BOARD: Brushed solid wood

PROFILE: Affinéa
SHADE: Malt 112
Ref. A54

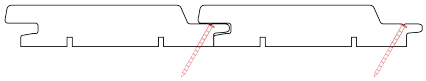
sivalbp
bois, technologie & design

Non contractual photo : profiel Soléa II

## PROFILE: AFFINÉA II 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 II 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 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. Siberian Larch lasting up to 50 years.

## SPECIFIC RECOMMENDATIONS

**The use of Larch is not suitable for too dry climatic zones (Mediterranean climate type) and for low protection architectures (without eaves). Very good ventilation is essential for this type of product.**

## SIVALBP

- **Compatible with 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.
- Reaction to fire: EUROCLASSE C-s2, d0.

## SHADE: MALT 112

## WOOD SPECIE: LARCH

**Larch:** wood specie naturally 3.2 class. **PEFC ( PEFC/10-31-1593) certified**, from sustainably european managed forests.
It has a homogeneous grain which is slightly brighter.

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

REACTION TO FIRE EUROCLASS C

MADE IN FRANCE

FDES VÉRIFIÉE inies

CTBB+ CERTIFIÉ PAR FCBA BOIS PRÉSERVÉS

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

# LARCH

Thickness x width face cover: 27x125 mm
Brushed solid wood - Affinéa - Malt 112 - Ref. A54

| WOOD SPECIE | THERMAL PROCESS | DURABILITY | TECHNICAL PROPERTIES | | |
|---|---|---|---|---|---|
| **Larch**<br>Geographical area: Europe<br>Quality: A choice<br>Very slow growth, it has a more homogeneous grain which is slightly brighter.<br>PEFC certified<br>**Carbon footprint:**<br>13.50 kg $CO_2$ eq./$m^2$<br>(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+<br>Larch, lasting up to 50 years | **Behavioural fire restrictions**<br>EUROCLASSE C-s2, d0<br>*according French PV Feu 18/RC-07-V2*<br>Combustible mass in MJ/$m^2$: 275 | **Thermal characteristics according to NF EN 12 524**<br>Thermal resistance R in $m^2$. K/W: 0,16 | **Water vapour permeability according to NF EN 12 524**<br>Water vapour resistance: 84 µ<br>Average density: 625 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: 53 N/$mm^2$ | Breaking stress in tension: 101 N/$mm^2$ | Breaking stress in shear: 9,9 | Breaking stress in bending: 93 N/$mm^2$ | Modulus of elasticity in bending: 12 500 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)* (according to availability) | FITTING | PACKAGING |
|---|---|---|---|---|---|---|
| **Brushed solid wood**<br>1 coat of saturator by spraying on the facing<br>1 coat of white stain for counter-balancing | **Malt 112** | 27x125 mm | Brushed solid wood | 4.00 m | 1 secret nail on the nailing line<br>(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.

## CERTIFICATE OF CONFORMITY

**Reaction to fire:**

European Larch brushed Affinéa profile is Euroclasse C-s2,d0 according to French PV Feu N°18/RC-07. Horizontal or vertical installation.

## 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. However, we recommend 2 nails for a better hold of the blade.
- 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 | Complex corner trim | Board |
| Surface finish | Solid sanded finger-jointed | Solid sanded finger-jointed |
| Thickness x width face cover in mm | 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