

External Cladding

TIMELESS GREY COATING

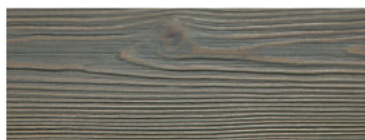
sivalbp NEW AGE

wood specie: **Siberian larch**
 thickness x width
 face cover: **27 x 125mm**
 board: **brushed solid wood**
 profile: **soléa**
 shade: **gris 102**



SIVALBP +

- A contemporary 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
- Without maintenance, this finish will turn into a natural grey and an uniform appearance over time
- Euroclass C-s2,d0 for reaction to fire (horizontal installation)

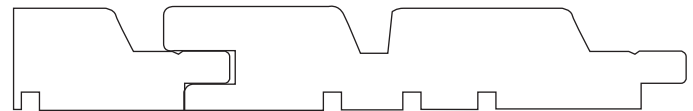


Shade:
Gris 102

Wood Specie

Siberian larch: wood specie naturally 3.2 class.
FSC® certified, from sustainably managed forests.
 It has a homogeneous grain which is slightly brighter.

Soléa Profile



Sivalbp Soléa 27 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

- Solid wood board
- Kiln dried to 18%(+/- 2%)
- Soléa 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
- 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-New-Age finish helps support the natural greying during the first years. Siberian larch, lasting up to 50 years.

WOOD SPECIE	THERMAL PROCESS	DURABILITY	TECHNICAL PROPERTIES		
Siberian larch Geographical area: Siberia Quality: A choice Very slow growth, it has a more homogeneous grain which is slightly brighter. FSC® certified	Kiln dried to 18% (+/-2%) assist the stability of the cladding and performance of the coating	Use class: 3.2 (without sapwood) according to FD P20-651 Siberian larch, 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 C-s2, d0 for reaction to fire (horizontal installation)	Thermal resistance R in m ² . K/W: 0.28	Water vapour resistance: 84µ
			Combustible mass in MJ/m ² : 275		Average density: 600kg/m ³ to 12% wood moisture content

MECHANICAL PROPERTIES					
Breaking stress in compression: 53nm/mm ²	Breaking stress in tension: 101n/mm ²	Breaking stress in shear: 9.9	Breaking stress in bending: 93n/nm ²	Modulus of elasticity in bending: 12,500n/mm ²	Compliant for French implementation in O4 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/m ² 1 coat of penetrating grey finish on the side: 120gr/m ² 1 coat of white paint on the reverse side: 50gr/m ²	gris 102	27x125mm	brushed solid wood	3.00-4.00m	1 secret nail on the nailing line (find installation advice below)	Packs x boards/ pack.: 48 x 4 Average pallet in m ² L 3.00m: 72m ² L 4.00m: 96m ²

Certificate of Compliance

Reaction to fire
 Siberian larch brushed Soléa profile is Euroclass C-s2,d0 according to FCBA report n°15-/RC-47 of 23.12.2015. Horizontal installation.

Installation Advice


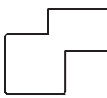

To ensure the products are correctly installed, the rules laid out in the French code of practice DTU 41.2 for external cladding, should be observed:

- 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)
- For curved surfaces, the bending radius must be greater than 7m
- 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-New-Age 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: gris 102
- 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	SURFACE FINISH	THICKNESS X WIDTH FACE COVER IN MM
	Corner trim	Sanded finger-jointed	13x58x58
	Complex corner trim	Sanded finger-jointed	67x55
	Board	Sanded glulam	27x275

Maintenance

The Sivalbp-New-Age finish doesn't flake. Maintenance free, the Sivalbp-New-Age finish will allow your facade to weather naturally grey over time. Easy maintenance, without stripping or sanding 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-New-Age finish with a spray or a paintbrush in order to re-saturate the wood. A sustained finish will help to preserve the cladding.