

WESTERN RED CEDAR

THICKNESS X WIDTH FACE COVER: 18x182 mm WOOD SPECIE: Western Red

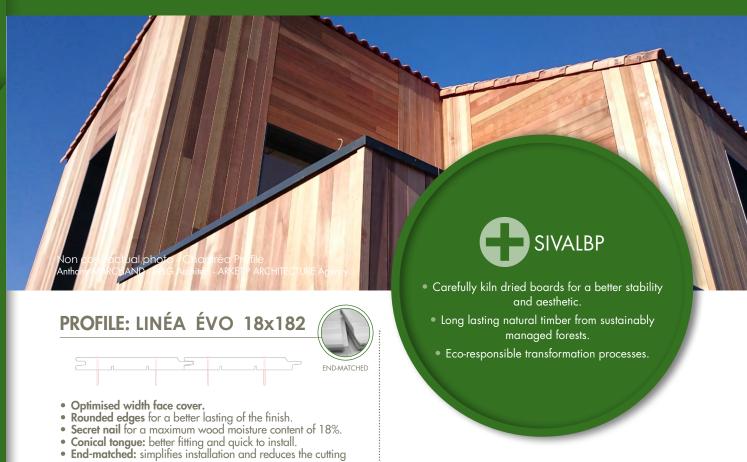
Cedar

BOARD: Planed solid wood

PROFILE: Linéa EVO

Ref. 613





CHARACTERISTICS

- Solid wood board.
- Kiln dried to 18% (+/- 2%).
- Linéa Evo profile, end-matched: facilitates the fitting and reduces the cutting wastage.
- Planed wood board for a smooth appearance and remove roughness.
- The Sivalbp-Authentic range offers a range of unfinished products: the natural wood aesthetics.



WOOD SPECIE: WESTERN RED CEDAR

Western Red Cedar: Canadian timber lasting up to 50 years, rot-proof and naturally 3.2 class. PEFC certified (PEFC/10-31-1593). Singularities and knots: very slow-growing, fine-grained species; 95% knot-free; contrasting colors.











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WOOD SPECIE	THERMAL PROCESS	DURABILITY	TECHNICAL PROPERTIES			
Western Red Cedar Geographical area: Canada Quality: clear II, sorted out by Sivalbp, 98 of boards are knot-free.	%	Use class:	Behavioural fire restrictions	Thermal characteristics according to NF EN 12 524	Water vapour permeability according to NF EN 12 524	
Quality's wood specie and particularly suited to contemporary architecture, naturally rot-proof, it offers the better stability. His natural qualities are reference for outdoor installation in the whole world	Kiln dried to 18% (+/- 2%) guaranteeing the stability of boards	3.2 (without sapwood) according to FD P20-651	(according to 14915 standard) EUROCLASSE D=2, d0 for reaction to fire	Thermal resistance R in m ² . K/W: 0,10	Water vapour resistance: 56 µ	
PEFC certified						
Carbon footprint: 4.82 kg CO ₂ eq./m ² [module D excluded]*		Western Red Cedar, lasting up to 50 years	Combustible mass in MJ/m²: 113		Average density: 365 kg/m³ to 12% wood moisture	

	MECHANICAL PROPERTIES									
Breaking stress in compression: 32 Nm/mm ²		Breaking stress in tension: Breaking stre 55 N/mm ² 5,		ess in shear: 6	Breaking stress in bending: 51 N/Nm²	Modulus of elasticity bending: 7 900 n/m				
Preparation Finish	SHADE		SS X WIDTH VER IN MM	BOARD	LENGTHS (M)* (according to availability)	FITTING	PACKAGING			
Planed solid wood	without finish	18x1	182 mm	Planed solid wood	2.45 - 2.75 - 3.05 - 3.35 - 3.65 - 4.0 - 4.30 - 4.60 - 4.90 - 5.20 m	FCBA Report: 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
- 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.

ACCESSORIES AND FINISH CUTS TOUCH UP

Accessories finger-jointed or glulam, sanded, Western Red Cedar.

Profile		
Product	Complex corner trim	
Surface finish	Sanded 3-ply- board	
Thickness x width face cover in mm	67x55	

MAINTENANCE

- Wood is a natural and not homogeneous material which can contain some particularities. Boards contain knots of various, for the greater part healthy dimaters and members.
- Living material, maintenance free, wood without finish can in the time present molds of surface, without compromising the durability of wood.
- Regarding the sustainability of aspect, it is underlined that woden species not dressed in finish will turn natural grey over

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.



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



TECHNICAL GUIDE



Download our MAINTENANCE BOOKLET for our maintenance

