

WESTERN RED CEDAR

THICKNESS X WIDTH
FACE COVER: 18x65 mm

WOOD SPECIE: Western Red

Cedar

BOARD: Brushed finger-jointed

PROFILE: Trapézo SHADE: Gris 102

Ref. 458





CHARACTERISTICS

- Finger-jointed wood board.
- Kiln dried to 18% (+/-2%).
- Sivalbp's finger-jointed: the main defects are eliminated guaranteeing straight and perfectly stable boards: optimal use of boards, fixed length of 3.00m.
- Trapézo profile, 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-New Age finish allows to delay the natural ageing process for minimum 3 years, according to exposure and building's architecture. Western Red Cedar, lasting up to 50 years.

SHADE: GRIS 102



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.









Western red cedar

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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. Quality's wood specie and particularly suited to contemporary architecture, naturally rot-proof, it offers the better stability. His natural qualities are references for outdoor installation in the wholes world.			Use class: 3.2	Behavioural fire restrictions	Thermal characteristics according to NF EN 12 524	Water vapour permeability according to NF EN 12 524	
		Kiln dried to 18% (+/- 2%) guaranteeing the stability of boards and a better lasting of the finish	with the Sivalbp preservation certified CTB B+	Reaction to fire: NPD* *No Performance Declared	Thermal resistance R	Water vapour resistance: 56 µ	
Carbon footprint: 6.29 kg CO ₂ eq./m ² (module D excluded)*	FDES		Western Red Cedar, lasting up to 50 years	Combustible mass in MJ/m²: 113	in m ² . K/W: 0,10	Average density: 365 kg/m³ to 12% wood moisture content	

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

MECHANICAL PROPERTIES									
Breaking stress in compression: 32 Nm/mm²	Breaking stress in tension: 55 N/mm ²		Breaking stress in shear: 5,6		Breaking stress in bending: 51 N/Nm²		Modulus of elasticity in bending:7 900 N/mm ²		
PREPARATION FINISH		SHADE		KNESS X WIDTH E COVER IN MM	BOA	ARD	LENGTHS (M)* (saccording to availability)	FITTING	PACKAGING
Brushed finger-jointe 1 coat of saturator by sprayi the facing 1 coat of white stain for cou balancing		Gris 102		18x65 mm	Brushed join	finger- ted	3.00 m	1 nail in the center of the slat for a 40 cm distance between centres + double up the nails at the ends (find installation advice below)	Packs x boards/pack: 96x6

*For solid wood boards with end-matched, the effective length is equal to the standard supply length invoiced minus 30 millimeter

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 vertically only: mandatory double battening.
- Cladding must be fixed on batten with a minimum of 27 mm thickness (32 mm for UK).
- The distance of the secondary framework must be attached at a minimum of 40 cm and a maximum of 65 cm apart. Single fixing on visible cladding for 40 cm distance between centers. Double fixing on visible cladding for a distance between centres between 40 cm and 65 cm maximum.
- 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.
- The head of the nails or screws must not penetrate further than mm 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.

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,



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



TECHNICAL GUIDE

ACCESSORIES AND FINISH CUTS TOUCH UP

- Accessories available in 1 shade: gris 102.
- 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		
Surface finish	Sanded finger- jointed		
Thickness x width face cover in mm	67X55		

MAINTENANCE

- To maintain the bright of colors, clean annually by lightly brushing the surface (avoid high pressure cleaners).
- This gray finish will evolve naturally and very gradually over time.
- If necessary and according to the exposure and the architecture of the building, renovation of the color is facilitated without stripping or sanding.
- As soon as necessary, apply Sivalbp New Age saturator directly a spray or paintbrush in 1 or 2 coats to re-saturate the wood
- A sustained finish will help to preserve the cladding.
- We advise you to contact a professional who will apply the appropriate renovation procedure.



