RED DOUGLAS FIR

THICKNESS X WIDTH FACE COVER: 27x70 mm

WOOD SPECIE: Red Douglas Fir

BOARD: Planed solid wood

PROFILE: Parallélo 30

Ref. A47





CHARACTERISTICS

- Solid wood board.
- Kiln dried to 18% (+/- 2%)
- Parallélo 30 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: RED DOUGLAS FIR

Red Douglas Fir: French timber, lasting up to 50 years, **PEFC certified (PEFC/10-31-1593)**. Species characterised by a marked grain and the presence of tight sound knots.









RED DOUGLAS FIR

Thickness x width face cover: 27x70 mm Planed solid wood - Parallélo 30 - Ref. A47

WOOD SPECIE	THERMAL PROCESS	DURABILITY	TECHNICAL PROPERTIES		
Red Douglas Fir Geographical area: France Quality: A/B choice NF EN 14519 A fast-growing specie, characterised by		Use class: 3.2 (without sapwood)	Behavioural fire restrictions	Thermal characteristics according to NF EN 12 524	Water vapour permeability according to NF EN 12 524
a marked-grain, a pink colour and the presence of tight sound knots. PEFC certified	Kiln dried to 18% (+/- 2%) guaranteeing the stability of boards	according to FD P20-651	Reaction to fire : NPD*	Thermal resistance R	Water vapour resistance: 72 µ
Carbon footprint: 5.38 kg CO ₂ eq./m² (module D excluded)*		Red Douglas Fir, lasting up to 50 years	Combustible mass in MJ/m²: 186	in m ² . K/W: 0,13	Average density: 525 kg/m³ to 12% wood moisture

MECHANICAL PROPERTIES									
Breaking stress in compression: 55 Nm/mm²	Breaking stress 93 n/m		sion: Breaking stress in shear: 9,5		Breaking stress in bending: 85 N/Nm ²	Modulus of elasticity bending: 12 100 N/r			
Preparation Finish	SHADE		SS X WIDTH VER IN MM	BOARD	LENGTHS (M)* (according to availability)	FITTING	PACKAGING		
Planed solid wood	without finish	27>	<70mm	Planed solid wood	4.00 m	FCBA Report: 1 secret nail on the nailing line (find installation advice below)	Packs x boards/pack: 108x4		

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.

ACCESSORIES AND FINISH CUTS TOUCH UP

Accessories finger-jointed or glulam, sanded, Red Douglas fir.

Profile		
Product	Complex corner trim	Board
Surface finish	Sanded finger- jointed	Solid sanded finger-jointed
Thickness x width face cover in mm	67x55	25×275

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.



our **DOCUMENTATION** on our website: sivalbp.fr



TECHNICAL GUIDE



Download our MAINTENANCE BOOKLET for our maintenance



^{*} NPD: No Performance Determined.