

PALLETS FOR PRECAST OF CONCRETE



FOR THE MANUFACTURE - STORAGE - DRYING OF VIBRATED CONCRETE AGGLOMERATES

100% BORDEAUX PINE / Origin France, Landes / BEYRIA QUALITY



QUALITY

- ✓ DEL LEGNO
- ✓ DEI PROFILI
- ✓ NELLA LAVORAZIONE
- ✓ NELLE FINITURE

RELIABILITY

- ✓ STABILITY
- ✓ RIGIDITY
- ✓ RESISTANCE



ASSEMBLY

1 or 2 dovetail joints with glued joints, depending on the final thickness. This assembly is still the most effective in terms of strength. Assembled in fixed widths (110 mm minimum).



FITTING

Ends closed with 2 mm **thick galvanised C-profiles, press-fitted with welded returns** (optional profile no. 3) or without welded returns (optional profile no. 1), with anchoring lugs. Can be reinforced with two threaded rods, washers and lock nuts.



FISSAGGIO DEI PROFILI

Hydraulic die-forging with 12 anchoring lugs per profile (6 per side).

Two categories of hardware finish:

- N°1: **fittings without return.**
- N°3: **fittings with welded returns.**



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GRUPE
FPBOIS

BEYRIA

un savoir-faire depuis 1946



BEYRIA BOARD IDENTITY CARD

SPECIES	100% BORDEAUX PINE
Scientific name	PINUS PINASTER
Country of origin of our wood	FRANCIA
Region	LANDES (40)
Certification	PEFC
Average age	45 YEARS
Quality	Sound, adherent and/or corked knots
Technique	Assembly in fixed widths (110 mm minimum) 1 or 2 dovetails (depending on thickness) With glued joints
Fittings	C-profile 2 mm thick Galvanized Press-fitted With welded returns (No. 1)* or without welded returns (No. 3)*
Finish	Stamping fastening with 6 anchoring lugs per face
Treatment	Xylophène EX 2002 PLUS
Thickness	from 35 to 55 mm
Length	from 1000 to 1750 mm
Width	from 500 to 1400 mm

ADVANTAGES OF BORDEAUX PINE

Thanks to its higher density than other Pines, Maritime Pine has a :

- **STRONG RESISTANCE** impact, wear and tear, compression and bending.
- **BETTER VIBRATION TRANSMISSION.**
- **HIGH RESISTANCE** to biological spoilage agents.

AVAILABLE OPTION

- Threaded rods
- Cleats
- Autoclave treatment

**All our products are custom-made according to customer requirements.*

CARD TECHNICAL AND MECHANICAL SPECIFICATIONS

Density	650 - 735 kg/m ³	Hardness levels	Class Hardness	Wood species
Humidity	de 19 a 25%	Brinell hardness between 10 and 20 N/mm ²	Classe A	Alder, Spruce, Scots Pine, Fir
Sound absorption	0,10/0,30			
Biological durability	JOB CLASS I	Brinell hardness between 20 and 30 N/mm ²	Classe B	Birch, Hickory, Chestnut, Larch, Cherry, Walnut, Maritime Pine , Sipo, Teak.
Modulus of elasticity	8 800 Mpa			
Compressive strength	39 Mpa			
Tensile strengths	86 Mpa			

FirWOOD SPECIES	12% Density		Axial compression kg/cm ² (1)		Static bending kg/cm ²	
	Extreme values	Average	Extreme values	Average	Extreme values	Average
Sylvestre Pine	0,45 – 0,60	0,50	430-610	500	950-1600	1250
Bordeaux Pine	0,50 – 0,70	0,63	440-600	535	950-1500	1325
Northern Red Fir	0,50 – 0,60	0,55	500-600	550	960-1260	1150
Austrian Black Pine	0,41 – 0,60	0,56	300-540	450	650-1100	900
Fir and Spruce	0,37 – 0,50	0,44	340-470	411	925-1250	1085
Northern White Fir	0,40 – 0,59	0,48		480	950-1200	1075
Douglas fir plantation	0,43 – 0,55	0,50	450-550	490	890-1350	1160

(1) The legal unit is the Megapascal (Mpa): 1 kg/cm² = 0.1 Mpa

As part of our respect for the environment all our wood comes from French forests that are sustainably managed French forests (PEFC certified), within a 100 km radius of our factory.

