Placaj Brut

Placaj Pin Maritim BB/BB

2500 × 1250 mm



Caracteristici

Format	2500 × 1250 mm
Calitate fețe	BB - accepta noduri sanatoase si ocazional noduri corectate cu petice

Variante din catalog

Grosime	18 mm

Documentația tehnică aferentă produsului continuă în paginile următoare.

TECHNICAL DATA SHEET

TeboPin Elite



All applications where the natural aesthetic of the wood is important and where the reverse side may remain occasionally or partly visible.
Joinery works, internal & external fittings, DIY, construction of play-grounds, timber framed constructions.





DESCRIPTION

Base board: Maritime Pine throughout Plywood
Faces (IAW EN 635-3): I / II

Face side I	Reverse side II
	
Tight without knots with wooden patches (maxi 5/m²)	Tight with sound knots and wooden patches. Occasional synthetic repairs.

Finishing: sanded 2 side
Average density (IAW EN 323): 580 kg/m³ (+/- 10%)
Bonding (IAW EN 314-2): class 3
Service (IAW EN 636): class 3 exterior conditions

Formaldehyde release classification (IAW EN 717-1): E0.5 (≤ 0,062 mg/m³)
Content of Pentachlorophenol (IAW EN 13986): PCP ≈ 0 ppm

SIZES, NUMBER OF PLIES & PACKAGING

Thicknesses (mm)	Number of plies	Sizes (mm)	Packing
7	(3)	2500 x 1250	65
9	(3)		50
10	(5)		45
12	(5)		37
15	(5)		30
18	(7)		25
21	(7)		22
24	(9)		18
25	(9)		18
27	(9)		15
30	(11)		15
35	(13)		13
40	(15)		11
45	(17)		10

Other sizes & thicknesses: on request

OPTIONS

Preservative treatments, fungicide & Insecticide, antitermite: optional on request
Cutting & TG processing: optional on request

STORAGE

Flat, on intermediate bearers, in an enclosed dry and ventilated building, clear of the ground. As far as storage on site is concerned, provision should be made to cover the panels with an opaque waterproof sheeting with the underside of the stacks clear of the ground.

FURTHER PROCESSING & INSTALLATION

Compliance with standard practice, with regulations and with health and safety rules should be maintained at all times.
Cutting and machining in the workshop possible except laser technology.

PRODUCTION SITES

Production on Thébault's sites in France

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THEBAULT GROUPE

MADE IN EUROPE

TECHNICAL DATA SHEET

TEBOPIN ELITE

TECHNICAL PROPERTIES

Characteristic values (MPA) IAW EN 789 - 1058 for structural calculations IAW Eurocodes

		7	9	10	12	15	18	21	24	25	27	30	35	40
Modulus of elasticity (E_m)	//	10816	11752	8723	7596	9152	9220	8188	7983	6444	7695	7500	7093	6824
	_I_	1634	698	3727	2078	3298	3230	4262	4467	4815	4755	4950	5357	5626
Bending strength (f_m)	//	29,2	31,7	20,3	23,2	24,4	23,0	20,4	17,0	14,9	18,6	15,5	15,9	16,9
	_I_	8,7	4,9	17,8	14,8	13,7	12,1	15,1	12,5	15,5	14,8	12,7	15,2	15,1
Others characteristic values	Available on DOP Strength in: Tension (f_t), Compression (f_c), Panel shear (f_v) and Planar shear(f_r) Modulus of elasticity in: Tension (E_t), Compression (E_c), Panel shear (G_v) and planar shear (G_r)													

Uses

Use in structural applications (IAW EN 13986, EN 636-3, EN 636-2, EN 636-1)	Suitable for use as structural element in exterior conditions (service class 3), humid conditions (service class 2) and interior conditions (service class 1)

Bending radius (mm)

Thickness	10	12	15	18
//	2500	3000	3750	4750
_I_	2000	2400	3000	3800

Nail and screw holding (t = 15 mm)

Nail	Face and edge: 300 N	
Screw	Face	Edge
	1450 N	1150 N

Sound absorption coefficient

	Frequency range	
IAW EN 13986 Table N°10	250 Hz to 500 Hz	1000 Hz to 2000 Hz
	0,10	0,30

Reaction to fire

End use condition In reference to table 8 of EN 13986 - 2004+A1:2015	Minimum thickness	Class excluding floorings	Class floorings
Without an air gap behind the panel	9 mm	D-s2,d0	D_{fl}-s1
With a closed or an open air gap not more than 22 mm behind the woodbased panel	9 mm	D-s2,d2	-
With a closed air gap behind the wood-based panel	15 mm	D-s2,d1	D_{fl}-s1
With an open air gap behind the wood-based panel	18 mm	D-s2,d0	D_{fl}-s1
Any	3 mm	E	E_{fl}

Thermal conductivity

IAW EN 13986	λ = 0,13

Characteristic density

IAW EN 789	540 kg/m³

Vapour permeability

	Wet cup	Dry cup
IAW EN 13986 Table 9	44 µ	187 µ

Airbone sound absorption

IAW EN 13986 Paragraph 5.10	The sound transmission loss R of a single wood-based panel, measured in dB, is related the mean surface mass m_A en kg/m² according to the following equation (which is only valid for the frequency range of 1 kHz to 3 kHz and at a surface mass > 5 kg/m²): $R = 13 \times \lg(m_A) + 14$

TECHNICAL SUITABILITY & CERTIFICATION

CE Structure attestation of conformity 2+	0380 - DOP* - CPR - EN 13986 : 2004 + A1 : 2015 - EN 636-3 S E1 * DOP : Declaration of Performance available on www.groupe-thebault.com

Quality marks (country)			Ecocertification	CE Marking	
NF Extérieur CTB-X (F)	BFU 100 (D)	KOMO (NL)	PEFC	CE S (Structural)	Information on the emission level of volatile substances within the indoor air, showing a risk of toxicity in case of inhalation, based on a scale going from A+ (very low emissions) to C (high emissions). Scenarios flooring/ceiling
	(equivalent)				

Document non contractuel - Création : info@com-en-ciel.com - Crédits photos : Groupe Thébault