TECHNICAL DATA SHEET

TEBOPIN I PROFIL

FT TEBOPIN I PROFIL · REF 25-V1-GB · *Cancels and supersedes any previous versions*

All applications where the natural aesthetic of the wood is important and where the reverse side may remain occasionally or partly visible.
Barge boards, soffit boards, gable coverings, eaves, roof arches, wall cladding. Timber framed houses.

DESCRIPTION

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

Face side I, U or W groved	Reverse side III
	
Tight without knots with wooden patches (maxi 5/m²)	Admitting open defects

Finishing: sanded 2 side
Further processing of the face side: U or W Groove
Further processing of the edges: shiplapped
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
11	(5)	2500 x 615	60
		2500 x 1235	45
15	(5)	2500 x 615	45
		2500 x 1235	30

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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TECHNICAL PROPERTIES

Uses

Use in non structural applications (IAW EN 13986, EN 636-3, EN 636-2, EN 636-1)	Suitable for use as non 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
//	2500	3000	3750
_I_	2000	2400	3000

Nail and screw holding (t = 15 mm)

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

Sound absorption coefficient

IAW EN 13986 Table N°10	Frequency range	
	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

IAW EN 13986 Table 9	Wet cup	Dry cup
	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

Marquage CE-NS E1

Quality marks (country)			Ecocertification	CE Marking	
NF Extérieur CTB-X (F)	BFU 100 (D)	KOMO (NL)	PEFC	CE NS (Non 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
CERTIFIÉ PAR FCBA NF CONTREPLAQUÉS www.fcba.fr	(equivalent) FMPA überwacht	®	PEFC 10-31-663	CE	ÉMISSIONS DANS L'AIR INTÉRIEUR* A+ (A+ A B C)