



OZIGREEN

Certificate No.

CE : 0380-CPR-800

CTBX-X : N°80

Use

Plywood intended for structural use in exterior environments, for exposure to weather over extended periods

Performance system System 2+

Harmonised standard EN 13986:2004+A1:2015

Notified body FCBA 0380

Plywood specification EN 636-3 S

Bending quality	EN 314 -1 ; EN 314-2						
	Type of test	Thickness (mm)					
		4		18		30	
	Fv moy (MPa)	Adh moy (%)	Fv moy (MPa)	Adh moy (%)	Fv moy (MPa)	Adh moy (%)	
24 Hours H ₂ O cold	2.23	/	2.86	/	1.92	/	
2 x 4 Hours H ₂ O boiling	1.65	/	2.14	/	2.41	/	
72 Hours H ₂ O boiling	1.68	/	2.47	/	2.70	/	

Formaldehyde release	Value	Class
	< 0.01 mg /m ³ or 0.008 ppm	E1,NF EN 717-1:2005

Fire reaction thickness 10-40mm	Value	Classe
	600kg/m ³	D-s2,d0

Water vapour permeability μ	Wet cup μ	Dry cup μ
	70	200

Airborne sound insulation NPD

Mechanical Durability NPD

Thermal conductivity	Value	Class
	600 kg / m ³	0.13

Specie 100% OZIGO (Dacryodes buettneri (Engl.) H.lam)

ESSENTIAL CHARACTERISTIC

		Performance				Harmonised technical specifications
Thickness (mm)	Strength and stiffness for structural use					EN 13986:2004+A1:2015
	Flexion modulus (N/mm)		Bending strength		Class	
	Along grain //	Across grain ⊥	Along grain //	Across grain ⊥		
4	11308	1827	109.9	38.9	F70/38 E100/15	
18	8734	6531	86.2	74.5	F50/40 E80/60	
30	7076	7014	70.2	64.2	F40/40 E70/70	