



ANDOUGREEN

Certificate No.

CE N°0380-CPR-800

Use

Plywood for structural use in exterior environments

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	1.90	/	3.21	/	2.49	/
2 x 4 Hours H ₂ O boiling	1.59	/	2.39	/	1.82	/
72 Hours H ₂ O boiling	1.47	/	3.21	/	1.76	/

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
640kg/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
	640 kg / m ³	0.13

Specie 100% ANDOUNG

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	12438	1528	98.6	36.5	F60/20 E120/ 15	
18	6639	5538	53.2	62.8	F45/40 E60/50	
30	6271	5977	53.2	56.5	F30/30 E60/50	