

## Declaration of Performance for product Plywood 12mm T&G DoP-N° 000008b-CE-12/2

1.	Identification code:	EN_636-2-S_12mm
2.	Batch-/ Serial number	Technical File N°: 05-10-15-20 <b>12mm/5ply</b> Grade II-II / II-III / II-IV / III-III
3.	Intendent use:	Internal use as structural components in humid conditions Structural floor decking on joists Structural roof decking on joists <u>Structural wall sheathing on studs</u>
4.	Harmonized technical specification	EN 13986:2004
5.	Manufacturer:	CMPC Maderas S.A
6.	System of Assessment and verification of constancy of performance (AVCP)	2+
7.	Notified body:	HFB Engineering GmbH - 1034 -
	Certificate N°	1034-CPD-1677/1/2013

Essential characteristics		Performance	Harmonized technical specification
Bending strength parallel	(N/mm <sup>2</sup> )	52	ITT According to EN 310
perpendiculare	(N/mm <sup>2</sup> )	24	
Bending stiffness (Modulus of Elasticity) parallel	(N/mm <sup>2</sup> )	5990	
perpendiculare	(N/mm <sup>2</sup> )	1950	
Classification according to EN 636		F30/15 E50/15	EN 636
Bonding quality		Class 3	ITT (EN 314-1/2)
Density	(Kg/m <sup>3</sup> )	540	
Realease of Formaldehyde		E1	EN 13986 Annex B, Note 2(Use of Phenolic-Glue)
Reaction to fire		Declared: D-s2, d0	EN 13986, Table 8
Water vapour permeability		Declared: wet cup 70 - dry cup 200	
Airborne sound isolation		-	
Sound absorption		Declared: 0,1 for frequency between 250-500 HZ / Declared: 0,3 for frequency between 1000-2000 HZ	
Thermal conductivity		Declared: 0,13 W/(mK)	
Characteristic strength under point load		Floor	Roof
ultimate	Fmax (N)	-	4363
servicability	Fser (N)	-	3335
Characteristic stiffnes under point load	R (N/mm)	-	201
Impact resistance		Fulfilled	
Mechanical durability (medium duration of load)			
Modification coefficient Kmod	Service class 1	0,80	
	Service class 2	0,80	
Deformation Coefficient Kdef	Service class 1	0,80	
	Service class 2	1,00	
Biological durability		Declared: Class of risk 2	EN 335/EN 1099

The performance of the product ( products) is in conformity with the declared performance  
This declaration of performance is issued the sole responsibility of the manufacturer, identified above.  
Signed for and behalf of the manufactured by:

Fabian Oporto Lagos Quality Control Manager  
(name and function)

Mininco, Chile June 26th, 2013  
(place and date of issue)



(signature)