

## Declaration of Performance for product Plywood 18mm T&G DoP-N° 000004b-CE-18/2

1.	Identification code:	EN_636-2-S_18mm
2.	Batch-/ Serial number	Technical File N°: 02-07-12-17 <b>18mm/7ply</b> Grade II-II / II-III / II-IV / III-III
3.	Intended 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

8. Declared performance		
Essential characteristics	Performance	Harmonized technical specification
Bending strength parallel (N/mm <sup>2</sup> )	42	ITT According to EN 310
perpendiculare (N/mm <sup>2</sup> )	27	
Bending stiffness (Modulus of Elasticity) parallel (N/mm <sup>2</sup> )	4742	EN 636
perpendiculare (N/mm <sup>2</sup> )	2373	
Classification according to EN 636	F25/15 E40/20	ITT (EN 314-1/2)
Bonding quality	Class 3	
Density (Kg/m <sup>3</sup> )	537	
Release 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	EN 13986, Table 9
Airborne sound isolation	-	Section 5 of EN 13986
Sound absorption	Declared: 0,1 for frequency between 250-500 HZ / Declared: 0,3 for frequency between 1000-2000 HZ	EN 13986, Table 10
Thermal conductivity	Declared: 0,13 W/(mK)	EN 13986, Table 11
Characteristic strength under point load ultimate Fmax (N)	Floor 3742	EN 12871
service ability Fser (N)	Roof 4371	
Characteristic stiffness under point load R (N/mm)	3428	
Impact resistance	358	95
Mechanical durability (medium duration of load)	Fulfilled	
Modification coefficient Kmod	Service class 1	EN 1995-1-1
	Service class 2	
Deformation Coefficient Kdef	Service class 1	
	Service class 2	
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 on behalf of the manufactured by:

Fabian Oporto Lagos  
Quality Control Manager

Mininco, Chile June 26th, 2013

