



Declaration of Performance for product Plywood 9mm DoP-N° 000010



1.	Identification code:	EN_636-2-S_9mm
2.	Batch-/ Serial number	9mm/3ply Grade I-II / II-III / II-IV / III-III/III-IV
3.	Intended use:	Internal use as structural components in humid conditions
4.	Harmonized technical specification	EN 13986:2004 + A1:2015
5.	Manufacturer / Country	CMPC Maderas SpA /Avenida las industrias Pedro Stark N° 100 Los Angeles. Chile/ Tel. +56 (2) 2441 2814 / Email: woodsales@cmpe.cl
	Authorised representative	Cristian Letelier V./ Sales Manager-Europe / M: +49 174 3070124 / Email: cristian.letelier@cmpe.cl
6.	System of Assessment and verification of constancy of performance (AVCP)	System 2+
7.	Notified body:	HFB Engineering GmbH - 1034 -
	Certificate N°	1034-CPR-1677/1/2017

8. Declared performance			
Essential characteristics	Performance	Harmonized technical specification	
Bending strength parallel (N/mm ²) perpendicular (N/mm ²)	53 12	ITT According to EN 310	
Bending stiffness (Modulus of Elasticity) parallel (N/mm ²) perpendicular (N/mm ²)	5980 560		
Classification according to EN 636	F30/5 E50/5		EN 636
Bonding quality	Class 3		ITT (EN 314-1/2)
Durability (Moisture resistance) (N/mm ²)	1,27	EN 314-1/2 Section 5.6.5	
Moisture Content (Up to 14) (%)	11,2	EN 322	
Density Minimum 450 (Kg/m ³)	510	EN 323	
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 for use in structural design (N/mm ²)		EN 12369-2	
Bending $f_{m, 0^\circ}$	30		
$f_{m, 90^\circ}$	5		
Tension $f_{t, 0^\circ}$	12		
$f_{t, 90^\circ}$	2		
Compression $f_{c, 0^\circ}$	15		
$f_{c, 90^\circ}$	2,5		
Shearing f_v	4,3		
f_r	0,7		
Characteristic stiffness (N/mm ²)			
Bending $E_{m, 0^\circ}$	5000		
$E_{m, 90^\circ}$	500		
Tension $E_{t, 0^\circ}$	2500		
$E_{t, 90^\circ}$	250		
Compression $E_{c, 0^\circ}$	4000		
$E_{c, 90^\circ}$	400		
Shearing Gv	360		
Gr	22		
Mechanical durability (medium duration of load)		EN 1995-1-1	
Modification coefficient Kmod	Service class 1 Service class 2		0,80 0,80
Deformation Coefficient Kdef	Service class 1 Service class 2		0,80 1,00
Biological durability			Declared: Class of risk 2
Content of pentachlorophenol (PCP) (Test not required)		PCP ≤ 5 ppm	EN 13986.2004 Section 5.18
Emission Class for Building Materials		M1	ISO 16000-9:2006, EN 16516:2017

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:

Viviana Lillo Garrido
Head of Processes and Quality
Mininco, Chile August 01th, 2022

VIVIANA LILLO GARRIDO
 15.207.623-1
 CEFÉ CONTROL CALIDAD Y LABORATORIO
 CMPC MADERAS S.A. - PLANTA PLYWOOD