



Declaration of Performance for product Plywood 25mm DoP- N° 000001



1.	Identification code:	EN_636-2-S_25mm
2.	Batch / Serial number	25mm/9ply Grade II-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@cmpec.cl
	Authorised representative	Cristian Letelier V./ Sales Manager-Europe / M: +49 174 3070124 / Email: cristian.letelier@cmpec.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		ITT According to EN 310	
parallel (N/mm ²)	31		
perpendiculare (N/mm ²)	28		
Bending stiffness (Modulus of Elasticity)			
parallel (N/mm ²)	4060		
perpendiculare (N/mm ²)	2900		
Classification according to EN 636	F20/15 E40/25	EN 636	
Bonding quality	Class 3	ITT (EN 314-1/2)	
Durability (Moisture resistance) (N/mm ²)	1,42	EN 314-1/2 Section 5.6.5	
Moisture Content (Up to 14) (%)	11,4	EN 322	
Density Minimum 450 (Kg/m ³)	497	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	$f_{m, 0^\circ}$		20
	$f_{m, 90^\circ}$		15
Tension	$f_{t, 0^\circ}$		8
	$f_{t, 90^\circ}$		6
Compression	$f_{c, 0^\circ}$		10
	$f_{c, 90^\circ}$		7,5
Shearing	f_v		4,3
	f_r		0,7
Characteristic stiffness (N/mm ²)			
Bending	$E_{m, 0^\circ}$		4000
	$E_{m, 90^\circ}$		2500
Tension	$E_{t, 0^\circ}$		2000
	$E_{t, 90^\circ}$		1250
Compression	$E_{c, 0^\circ}$	3200	
	$E_{c, 90^\circ}$	2000	
Shearing	Gv	360	
	Gr	22	
Mechanical durability (medium duration of load)		EN 1995-1-1	
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
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 A. LILLO GARRIDO
 15.207.623-1
 JEFE CONTROL CALIDAD Y LABORATORIO
 CMPC MADERAS S.A - PLANTA PLYWOOD