



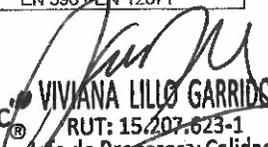
Declaration of Performance for product Plywood 12mm/2 DoP-N° 000008

1.	Identification code:	EN 636-2-S 12mm
2.	Batch-/ Serial number	12mm/5ply Grade II-I / II-III / II-IV / III-III/II-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@cmpc.cl
	Authorised representative	Cristian Letelier V / Sales Manager-Europe / M: +49 174 3070124 / Email: cristian.letelier@cmpc.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

Essential characteristics		Performance	Harmonized technical specification
Bending strength parallel (N/mm ²)		52	ITT According to EN 310
perpendiculare (N/mm ²)		24	
Bending stiffness (Modulus of Elasticity) parallel (N/mm ²)		5990	
perpendiculare (N/mm ²)		1950	
Classification according to EN 636		F30/15 E50/15	EN 636
Bonding quality		Class 3	ITT (EN 314-1/2)
Durability (Moisture resistance) (N/mm ²)		1,2	EN 314-1/2 Section 5.6.5
Moisture Content (Up to 14) (%)		10,6	EN 322
Density Minimum 450 (Kg/m ³)		540	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	
	$f_m, 90^\circ$	15	
Tension	$f_t, 0^\circ$	12	
	$f_t, 90^\circ$	6	
Compression	$f_c, 0^\circ$	15	
	$f_c, 90^\circ$	7,5	
Shearing	f_v	4,3	
	f_r	0,7	
Characteristic stiffness (N/mm ²)			
Bending	$E_m, 0^\circ$	5000	
	$E_m, 90^\circ$	1500	
Tension	$E_t, 0^\circ$	2500	
	$E_t, 90^\circ$	750	
Compression	$E_c, 0^\circ$	4000	
	$E_c, 90^\circ$	1200	
Shearing	Gv	360	
	Gr	22	
Embedment Strength (N/mm ²)		Bolt 2.5 mm Bolt 4.0 mm Bolt 8.0 mm	EN 383
		46,7 36,2 26,0	
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
Wall Sheathing Studs (Impact Resistance / Span 600 mm) (Test rig mm)		0,41	EN 596 / EN 12871

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 December 01th, 2022


cmpc VIVIANA LILLO GARRIDO
 RUT: 15.207.623-1
 Jefe de Procesos y Calidad
 Cmpc Maderas Spa - Planta Plywood