


Declaration of Performance for product Plywood 15mm DoP-N° 000006

1.	Identification code:	EN_636-2-S_15mm
2.	Batch-/ Serial number	15mm/5ply 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@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)	49	ITT According to EN 310		
Bending strength perpendicular	(N/mm ²)	21			
Bending stiffness (Modulus of Elasticity) parallel	(N/mm ²)	6042			
Bending stiffness (Modulus of Elasticity) perpendicular	(N/mm ²)	1729			
Classification according to EN 636		F30/10 E60/15	EN 636		
Bonding quality		Class 3	ITT (EN 314-1/2)		
Durability (Moisture resistance) (N/mm ²)		1,0	EN 314-1/2 Section 5.6.5		
Moisture Content (Up to 14) (%)		10,0	EN 322		
Density Minimum 450 (Kg/m ³)		531	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)					
Bending	$f_m, 0^\circ$	30	EN 12369-2		
	$f_m, 90^\circ$	10			
Tension	$f_t, 0^\circ$	10			
	$f_t, 90^\circ$	4			
Compression	$f_c, 0^\circ$	15			
	$f_c, 90^\circ$	5			
Shearing	f_v	4,3			
	f_r	0,7			
Characteristic stiffness (N/mm ²)					
Bending	$E_m, 0^\circ$	6000			
	$E_m, 90^\circ$	1500			
Tension	$E_t, 0^\circ$	3000			
	$E_t, 90^\circ$	750			
Compression	$E_c, 0^\circ$	4800			
	$E_c, 90^\circ$	1200			
Shearing	Gv	360			
	Gr	22			
Embedment Strength (N/mm ²)		Bolt 4.0 mm	Bolt 8.0 mm	Bolt 10.0 mm	EN 383
		34,7	28,0	25,4	
Mechanical durability (medium duration of load)					
Modification coefficient K _{mod}	Service class 1	0,80	EN 1995-1-1		
	Service class 2	0,80			
Deformation Coefficient K _{def}	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)		0,19	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


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