



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-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/mm2)	52		ITT According to EN 310	
perpendicular	(N/mm2)	24			
Bending stiffness (Modulus of Elasticity) parallel	(N/mm2)	5990			
perpendicular	(N/mm2)	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/mm2)		1,2		EN 314-1/2 Section 5.6.5	
Moisture Content (Up to 14) (%)		10,6		EN 322	
Density Minimum 450 (Kg/m3)		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/mm2)					
Bending	$f_m, 0^\circ$	30		EN 12369-2	
	$f_m, 90^\circ$	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/mm2)					
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/mm2)		Bolt 2.5 mm	Bolt 4.0 mm		Bolt 8.0 mm
		46,7	36,2	26,0	
Mechanical durability (medium duration of load)					
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

cmpe VIVIANA LILLO GARRIDO
RUT: 15.207.623-1
Jefe de Procesos y Calidad
Cmpe Maderas SpA - Planta Plywood



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@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/mm2)		49		ITT According to EN 310	
perpendicular (N/mm2)		21			
Bending stiffness (Modulus of Elasticity) parallel (N/mm2)		6042			
perpendicular (N/mm2)		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/mm2)		1,0		EN 314-1/2 Section 5.6.5	
Moisture Content (Up to 14) (%)		10,0		EN 322	
Density Minimum 450 (Kg/m3)		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/mm2)					
Bending		f _m , 0°		EN 12369-2	
		f _m , 90°			
Tension		f _t , 0°			
		f _t , 90°			
Compression		f _c , 0°			
		f _c , 90°			
Shearing		f _v			
		f _r			
Characteristic stiffness (N/mm2)					
Bending		E _m , 0°			
		E _m , 90°			
Tension		E _t , 0°			
		E _t , 90°			
Compression		E _c , 0°			
		E _c , 90°			
Shearing		G _v			
		G _r			
Embedment Strength (N/mm2)		Bolt 4.0 mm	Bolt 8.0 mm		EN 383
		34,7	28,0		
Mechanical durability (medium duration of load)					
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	
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
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Head of Processes and Quality
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