

1.	Identification code:	EN_636-2-S_30mm
2.	Batch / Serial number	30mm/11ply 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	Juan Pablo Pereira S/ Sales Manager-Europe / M: +49 174 3070124 / Email: jpereira@gerencia.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-1677/1/2024

8. Declared performance		
Essential characteristics	Performance	Harmonized technical specification
Bending strength		ITT According to EN 310
parallel (N/m m2)	33	
perpendiculare (N/m m2)	32	
Bending stiffness (Modulus of Elasticity)		
parallel (N/m m2)	4426	
perpendiculare (N/m m2)	3772	
Classification according to EN 636	F20/20 E40/40	EN 636
Bonding quality	Class 3	ITT (EN 314-1/2)
Durability (Moisture resistance) (N/m m2)	1,20	EN 314-1/2 Section 5.6.5
Moisture Content (Up to 14) (%)	9,00	EN 322
Density Minimum 450 (Kg/m 3)	522	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	$f_{m, 0^\circ}$	20
	$f_{m, 90^\circ}$	20
Tension	$f_{t, 0^\circ}$	8
	$f_{t, 90^\circ}$	8
Compression	$f_{c, 0^\circ}$	10
	$f_{c, 90^\circ}$	10
Shearing	$f_v$	4,3
	$f_r$	0,7
Characteristic stiffness (N/mm2)		
Bending	$E_{m, 0^\circ}$	4000
	$E_{m, 90^\circ}$	4000
Tension	$E_{t, 0^\circ}$	2000
	$E_{t, 90^\circ}$	2000
Compression	$E_{c, 0^\circ}$	3200
	$E_{c, 90^\circ}$	3200
Shearing	Gv	360
	Gr	22
Mechanical durability (medium duration of load)		
Modification coefficient Km od	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 January 11th, 2024

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