



Declaration of Performance for product Plywood 9mm DoP-N° 000010

1.	Identification code:	EN 636-2-S_9mm
2.	Batch-/ Serial number	9mm/3ply Grade II-II / II-III / II-IV / III-III
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	Juan Pablo Pereira S. / Sales Manager-Europe / Tel. +56 (2) 24412879 / Email: jpereira@gerencia.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)	53	ITT According to EN 310
	perpendicular (N/mm2)	12	
	Bending stiffness (Modulus of Elasticity) parallel (N/mm2)	5980	
	perpendicular (N/mm2)	560	
	Classification according to EN 636	F30/5 E50/5	EN 636
	Bonding quality	Class 3	ITT (EN 314-1/2)
	Durability (Moisture resistance) (N/mm2)	1,27	EN 314-1/2 Section 5.6.5
	Moisture Content (Up to 14) (%)	11,2	EN 322
	Density Minimum 450 (Kg/m3)	510	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)		EN 12369-2
	Bending $f_m, 0^\circ$	30	
	$f_m, 90^\circ$	5	
	Tension $f_t, 0^\circ$	12	
	$f_t, 90^\circ$	2	
	Compression $f_c, 0^\circ$	15	
	$f_c, 90^\circ$	2,5	
	Shearing f_v	4,3	
	f_r	0,7	
	Characteristic stiffness (N/mm2)		
	Bending $E_m, 0^\circ$	5000	
	$E_m, 90^\circ$	500	
	Tension $E_t, 0^\circ$	2500	
	$E_t, 90^\circ$	250	
	Compression $E_c, 0^\circ$	4000	
	$E_c, 90^\circ$	400	
	Shearing G_v	360	
	G_r	22	
	Mechanical durability (medium duration of load)		EN 1995-1-1
	Modification coefficient Kmod	Service class 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

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:

Juan Figueroa Elgueta
Deputy Manager of Quality, Programming and Production Control
Mininco, Chile January 31th, 2020

JUAN FIGUEROA ELGUETA
Gerente de Calidad, Progra.
CMPC v Control Produc., Pta. Plywood
Rut.: 12.920.723-K



Declaration of Performance for product Plywood 12mm/1 DoP-N° 000007

1.	Identification code:	EN 636-2-S 12mm	
2.	Batch-/ Serial number	12mm/5ply Grade II-II / II-III / II-IV /III-III	
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	Juan Pablo Pereira S./ Sales Manager-Europe / Tel. +56 (2) 24412879 / Email: jpereira@gerencia.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)	43	ITT According to EN 310
perpendiculare	(N/mm2)	26	
Bending stiffness (Modulus of Elasticity) parallel	(N/mm2)	5100	
perpendiculare	(N/mm2)	1820	
Classification according to EN 636		F25/15 E50/15	EN 636
Bonding quality		Class 3	ITT (EN 314-1/2)
Durability (Moisture resistance) (N/mm2)		1,15	EN 314-1/2 Section 5.6.5
Moisture Content (Up to 14) (%)		10,7	EN 322
Density Minimum 450 (Kg/m3)		547	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)			EN 12369-2
Bending	$f_m, 0^\circ$	25	
	$f_m, 90^\circ$	15	
Tension	$f_t, 0^\circ$	10	
	$f_t, 90^\circ$	6	
Compression	$f_c, 0^\circ$	12,5	
	$f_c, 90^\circ$	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	G_v	360	
	G_r	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

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Signed for and on behalf of the manufactured by:

Juan Figueroa Elgueta
Deputy Manager of Quality, Programming and Production Control
Mininco, Chile January 31th, 2020

JUAN FIGUEROA ELGUETA
cmpe Subgerente de Calidad, Progra.
v Control Produc., Pta. Plywood
Rut.: 12.920.723-K



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			
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	Juan Pablo Pereira S./ Sales Manager-Europe / Tel. +56 (2) 24412879 / Email: jpereira@gerencia.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	G_v	360			
	G_r	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		EN 1995-1-1	
	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	

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Juan Figueroa Elgueta
Deputy Manager of Quality, Programming and Production Control
Mininco, Chile January 31th, 2020

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Rut.: 12.920.723-K



Declaration of Performance for product Plywood 12mm/3 DoP-N° 000009

1.	Identification code:	EN 636-2-S 12mm
2.	Batch-/ Serial number	12mm/5ply Grade II-II / II-III / II-IV / III-III
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	Juan Pablo Pereira S./ Sales Manager-Europe / Tel. +56 (2) 24412879 / Email: jpereira@gerencia.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)	37	ITT According to EN 310
perpendicular	(N/mm2)	27	
Bending stiffness (Modulus of Elasticity) parallel	(N/mm2)	4180	
perpendicular	(N/mm2)	2080	
Classification according to EN 636		F20/15 E40/20	EN 636
Bonding quality		Class 3	ITT (EN 314-1/2)
Durability (Moisture resistance) (N/mm2)		1,01	EN 314-1/2 Section 5.6.5
Moisture Content (Up to 14) (%)		11,1	EN 322
Density Minimum 450 (Kg/m3)		524	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)			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/mm2)			
Bending	$E_m, 0^\circ$	4000	
	$E_m, 90^\circ$	2000	
Tension	$E_t, 0^\circ$	2000	
	$E_t, 90^\circ$	1000	
Compression	$E_c, 0^\circ$	3200	
	$E_c, 90^\circ$	1600	
Shearing	G_v	360	
	G_r	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

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Deputy Manager of Quality, Programming and Production Control
Mininco, Chile January 31th, 2020

JUAN FIGUEROA ELGUETA
cmpe Subgerente de Calidad, Progra.
v Control Produc., Pta. Plywood
Rut.: 12.920.723-K



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
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 2014 / Email: woodsales@cmpe.cl
	Authorised representative	Juan Pablo Perelra S./ Sales Manager-Europe / Tel. +56 (2) 24412879 / Email: jpereira@gerencia.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		FN 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 $f_m, 0^\circ$			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/mm2)						
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/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	

The performance of the product (products) is in conformity with the declared performance
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Juan Figueroa Elgueta
Deputy Manager of Quality, Programming and Production Control
Mininco, Chile January 31th, 2020

JUAN FIGUEROA ELGUETA
Subgerente de Calidad, Progra.
cmpe Control Produc., Pta: Plywood
Rut.: 12.920.723-K



Declaration of Performance for product Plywood 18mm 6ply DoP-N° 000005

1.	Identification code:	EN 636-2-S, 18mm
2.	Batch / Serial number	18mm/6ply Grade II-II / II-III / II-IV / III-III
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	Juan Pablo Pereira S./ Sales Manager-Europe / Tel. +56 (2) 24412879 / Email: jpereira@gerencia.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)		43	ITT According to EN 310
Bending strength perpendicular (N/mm2)		17	
Bending stiffness (Modulus of Elasticity) parallel (N/mm2)		6140	
Bending stiffness (Modulus of Elasticity) perpendicular (N/mm2)		1500	
Classification according to EN 636		F25/10 E60/15	EN 636
Bonding quality		Class 3	ITT (EN 314-1/2)
Durability (Moisture resistance) (N/mm2)		1,52	EN 314-1/2 Section 5.6.5
Moisture Content (Up to 14) (%)		11,0	EN 322
Density Minimum 450 (Kg/m3)		503	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)			EN 12369-2
Bending	$f_m, 0^\circ$	25	
	$f_m, 90^\circ$	10	
Tension	$f_t, 0^\circ$	10	
	$f_t, 90^\circ$	4	
Compression	$f_c, 0^\circ$	12,5	
	$f_c, 90^\circ$	5	
Shearing	f_v	4,3	
	f_r	0,7	
Characteristic stiffness (N/mm2)			
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	G_v	360	
	G_r	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

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:

Juan Figueroa Elgueta
Deputy Manager of Quality, Programming and Production Control
Mininco, Chile January 31th, 2020

JUAN FIGUEROA ELGUETA
cmpe Subgerente de Calidad, Progra.
v Control Produc., Pta. Plywood
Rut.: 12.920.723-K



Declaration of Performance for product Plywood 18mm/1 DoP-N° 000003

1.	Identification code:	EN 636-2-S 18mm
2.	Batch-/ Serial number	18mm/7ply Grade II-II / II-III / II-IV /III-III
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
6.	Authorised representative	Juan Pablo Pereira S./ Sales Manager-Europe / Tel. +56 (2) 24412879 / Email: jpereira@gerencia.cmpe.cl
7.	System of Assessment and verification of constancy of performance (AVCP)	System 2+
8.	Notified body:	HFB Engineering GmbH - 1034 -
9.	Certificate N°	1034-CPR-1677/1/2017

8. Declared performance		
Essential characteristics	Performance	Harmonized technical specification
Bending strength parallel (N/mm2)	43	ITT According to EN 310
Bending strength perpendicular (N/mm2)	26	
Bending stiffness (Modulus of Elasticity) parallel (N/mm2)	4760	
Bending stiffness (Modulus of Elasticity) perpendicular (N/mm2)	2540	
Classification according to EN 636	F25/15 E40/25	EN 636
Bonding quality	Class 3	ITT (EN 314-1/2)
Durability (Moisture resistance) (N/mm2)	1,22	EN 314-1/2 Section 5.6.5
Moisture Content (Up to 14) (%)	11,0	EN 322
Density Minimum 450 (Kg/m3)	533	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)		EN 12369-2
Bending $f_m, 0^\circ$	25	
$f_m, 90^\circ$	15	
Tension $f_t, 0^\circ$	10	
$f_t, 90^\circ$	6	
Compression $f_c, 0^\circ$	12,5	
$f_c, 90^\circ$	7,5	
Shearing f_v	4,3	
f_r	0,7	
Characteristic stiffness (N/mm2)		
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 G_v	360	
G_r	22	
Embedment Strength (N/mm2)	Bolt 4.0 mm 39,3 Bolt 8.0 mm 29,9 Bolt 12.0 mm 27,5	EN 383
Mechanical durability (medium duration of load)		EN 1995-1-1
Modification coefficient K_{mod} Service class 1	0,80	
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 $\leq$ 5 ppm	EN 13986:2004 Section 5.18

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:

Juan Figueroa Elgueta
Deputy Manager of Quality, Programming and Production Control
Mininco, Chile January 31th, 2020

JUAN FIGUEROA ELGUETA
Subgerente de Calidad, Progra.
v Control Produc., Pta. Plywood
Rut.: 12.920.723-K



Declaration of Performance for product Plywood 18mm/2 DoP-N° 000004

1.	Identification code:	EN 636-2-S 18mm
2.	Batch / Serial number	18mm/7ply Grade II-II / II-III / II-IV / III-III
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
6.	Authorised representative	Juan Pablo Pereira S./ Sales Manager-Europe / Tel. +56 (2) 24412879 / Email: jpereira@gerencia.cmpe.cl
7.	System of Assessment and verification of constancy of performance (AVCP)	System 2+
8.	Notified body:	HFB Engineering GmbH - 1034 -
9.	Certificate N°	1034-CPR-1677/1/2017

8.	Declared performance			
Essential characteristics		Performance	Harmonized technical specification	
Bending strength parallel	(N/mm2)	42	ITT According to EN 310	
perpendicular	(N/mm2)	27		
Bending stiffness (Modulus of Elasticity) parallel	(N/mm2)	4742		
perpendicular	(N/mm2)	2373		
Classification according to EN 636		F25/15 E40/20	EN 636	
Bonding quality		Class 3	ITT (EN 314-1/2)	
Durability (Moisture resistance) (N/mm2)		1.08	EN 314-1/2 Section 5.6.5	
Moisture Content (Up to 14) (%)		11,0	EN 322	
Density Minimum 450 (Kg/m3)		537	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	$f_m, 0^\circ$	25	EN 12369-2	
	$f_m, 90^\circ$	15		
Tension	$f_t, 0^\circ$	10		
	$f_t, 90^\circ$	6		
Compression	$f_c, 0^\circ$	12,5		
	$f_c, 90^\circ$	7,5		
Shearing	f_v	4,3		
	f_r	0,7		
Characteristic stiffness (N/mm2)				
Bending	$E_m, 0^\circ$	4000		
	$E_m, 90^\circ$	2000		
Tension	$E_t, 0^\circ$	2000		
	$E_t, 90^\circ$	1000		
Compression	$E_c, 0^\circ$	3200		
	$E_c, 90^\circ$	1600		
Shearing	G_v	360		
	G_r	22		
Mechanical durability (medium duration of load)				
Modification coefficient Kmod	Service class 1	0,80	EN 1995-1-1	
	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 $\leq$ 5 ppm	EN 13986:2004 Section 5.18	

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:

Juan Figueroa Elgueta
Deputy Manager of Quality, Programming and Production Control
Mininco, Chile January 31th, 2020

JUAN FIGUEROA ELGUETA
Subgerente de Calidad, Progra.
v Control Produc., Pta. Plywood
Rut.: 12.920.723-K



Declaration of Performance for product Plywood 18mm/3 DoP-N° 000015

1.	Identification code:	EN 636-2-S 18mm
2.	Batch-/ Serial number	18mm/7ply Grade II-II / II-III / II-IV / III-III
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
6.	Authorised representative	Juan Pablo Perelra S./ Sales Manager-Europe / Tel. +56 (2) 24412879 / Email: jpereira@gerencia.cmpe.cl
7.	System of Assessment and verification of constancy of performance (AVCP)	System 2+
8.	Notified body:	HFB Engineering GmbH - 1034 -
9.	Certificate N°	1034-CPR-1677/1/2017

8. Declared performance			
Essential characteristics		Performance	Harmonized technical specification
Bending strength parallel	(N/mm2)	48	ITT According to EN 310
perpendicular	(N/mm2)	24	
Bending stiffness (Modulus of Elasticity) parallel	(N/mm2)	5670	
perpendicular	(N/mm2)	1745	
Classification according to EN 636		F30/15 E60/15	EN 636
Bonding quality		Class 3	ITT (EN 314-1/2)
Durability (Moisture resistance)	(N/mm2)	1,45	EN 314-1/2 Section 5.6.5
Moisture Content (Up to 14)	(%)	10,6	EN 322
Density Minimum 450	(Kg/m3)	516	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)			EN 12369-2
Bending	$f_{m, 0^{\circ}}$	25	
	$f_{m, 90^{\circ}}$	15	
Tension	$f_{t, 0^{\circ}}$	10	
	$f_{t, 90^{\circ}}$	6	
Compression	$f_{c, 0^{\circ}}$	12,5	
	$f_{c, 90^{\circ}}$	7,5	
Shearing	f_v	4,3	
	f_r	0,7	
Characteristic stiffness (N/mm2)			
Bending	$E_m, 0^{\circ}$	4000	
	$E_m, 90^{\circ}$	2000	
Tension	$E_t, 0^{\circ}$	2000	
	$E_t, 90^{\circ}$	1000	
Compression	$E_c, 0^{\circ}$	3200	
	$E_c, 90^{\circ}$	1600	
Shearing	G_v	360	
	G_r	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

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:

Juan Figueroa Elgueta
Deputy Manager of Quality, Programming and Production Control
Mininco, Chile January 31th, 2020

JUAN FIGUEROA ELGUETA
cmpe Supgerente de Calidad, Progra.
v Control Produc., Pta. Plywood
Rut.: 12.920.723-K



Declaration of Performance for product Plywood 21mm DoP-N° 000002

1.	Identification code	EN 636-2-S 21mm
2.	Batch-/ Serial number	21mm/7ply Grade II-II / II-III / II-IV /III-III
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
6.	Authorised representative	Juan Pablo Perelra S./ Sales Manager-Europe / Tel. +56 (2) 24412879 / Email: jperelra@gerencia.cmpe.cl
7.	System of Assessment and verification of constancy of performance (AVCP)	System 2+
8.	Notified body:	HFB Engineering GmbH - 1034 -
9.	Certificate N°	1034-CPR-1677/1/2017

Essential characteristics		Performance	Harmonized technical specification
Bending strength			ITT According to EN 310
parallel (N/mm2)		36	
perpendicular (N/mm2)		25	
Bending stiffness (Modulus of Elasticity)			
parallel (N/mm2)		4710	EN 636
perpendicular (N/mm2)		2620	
Classification according to EN 636		F20/15 E40/25	
Bonding quality		Class 3	
Durability (Moisture resistance) (N/mm2)		1,02	ITT (EN 314-1/2)
Moisture Content (Up to 14) (%)		11,9	EN 314-1/2 Section 5.6.5
Density Minimum 450 (Kg/m3)		522	EN 322
Release of Formaldehyde		E1	EN 323
Reaction to fire		Declared: D-s2, d0	EN 13986 Annex B, Note 2(Use of Phenolic-Glue)
Water vapour permeability		Declared: wet cup 70 - dry cup 200	EN 13986, Table 8
Airborne sound isolation		-	EN 13986, Table 9
Sound absorption		Declared: 0,1 for frequency between 250-500 HZ / Declared: 0,3 for frequency between 1000-2000 HZ	Section 5 of EN 13986
Thermal conductivity		Declared: 0,13 W/(mK)	EN 13986, Table 10
Characteristic strength for use in structural design (N/mm2)			EN 13986, Table 11
Bending	$f_{m, 0^\circ}$	20	EN 12369-2
	$f_{m, 90^\circ}$	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/mm2)			
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	
Embedment Strength (N/mm2)		Bolt 6.0 mm 30,6 Bolt 10.0 mm 27,9 Bolt 14.0 mm 27,1	EN 383
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

The performance of the product (products) is in conformity with the declared performance
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Signed for and on behalf of the manufactured by:

Juan Figueroa Elgueta
Deputy Manager of Quality, Programming and Production Control
Mininco, Chile January 31th, 2020

JUAN FIGUEROA ELGUETA
cmpe Subgerente de Calidad, Progra.
v Control de Producción, Rta. Plywood
Rut. 12.920.723-K



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
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.J Sales Manager-Europe / Tel. +56 (2) 24412879 / 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-1677/1/2017

8. Declared performance		
Essential characteristics	Performance	Harmonized technical specification
Bending strength parallel (N/mm ²) perpendicular (N/mm ²)	31 28	ITT According to EN 310
Bending stiffness (Modulus of Elasticity) parallel (N/mm ²) perpendicular (N/mm ²)	4060 2900	
Classification according to EN 636	F20/15 E40/25	
Bonding quality	Class 3	
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	EN 1995-1-1
$E_c, 90^\circ$	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

The performance of the product (products) is in conformity with the declared performance
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Signed for and on behalf of the manufactured by:

Juan Figueroa Elgueta
Deputy Manager of Quality, Programming and Production Control
Mininco, Chile January 31th, 2020

JUAN FIGUEROA ELGUETA
Subgerente de Calidad, Progra
v Control Produc., Pto. Plywood
Rut.: 12.920.723-K