

1-Identification code	EN 636-3 S
2-Batch / Serial number	18 mm - 7 ply
3-Intended use	External use as structural components
4-Harmonized technical specification	EN 13986:2004 + A1:2015
5-Manufacturer / Country	Forestadora Tapebicua SA / RN 14, km 748, Virasoro, Corrientes, Argentina. Tel +54 3756 493201 / Email ventas@tapebicua.com.ar
Authorized representative	Ms. Mónica Wroński / Sales Manager / Tel +54 911-6676-8070 / Email mwronski@tapebicua.com.ar
6-System of Assessment and verification of constancy of performance (AVCP)	System 4
7-Notified body / Certification N°	--- / ---
8-Declared performance	

Essential characteristics	Performance 18 mm - 7 ply	Harmonized technical specification	
Bending strength		ITT (EN 310)	
-Parallel (N/mm ²)	41		
-Perpendicular (N/mm ²)	33		
Bending stiffness (Modulus of Elasticity)			
-Parallel (N/mm ²)	4850		
-Perpendicular (N/mm ²)	2800		
Classification according to EN 636	F25/20 E40/25	EN 636	
Bonding quality	Class 3	ITT (EN 314-1/2)	
Durability (Moisture Resistance) (N/mm ²)	1,50	EN 314-1/2, Section 5.6.5	
Moisture Content (up to 14) (%)	11,0	EN 322	
Density Minimum 450 (Kg/m ³)	530	EN 323	
Release of Formaldehyde (Emisión de formaldehído)	E1	EN 13986 Annex B, Note 2 (use of Phenolic-Glue)	
Reaction to fire (reacción al fuego)	Declared D-s2, d0	EN 13986, Table 8	
Water vapour permeability	Declared wet cup 70 – dry cup 200	EN 13986, Table 9	
Airborne sound insulation	-	EN 13986, Section 5	
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 (Conductividad térmica)	Declared 0,13 W/(mk)	EN 13986, Table 11	
Characteristic strength for use in structural design			
Bending (Resistencia a la flexión)		EN 12369-2	
$f_{m,0^\circ} / f_{m,90^\circ}$ (N/mm ²)	25 / 20		
Tension (Resistencia a la tracción)			
$f_{t,0^\circ} / f_{t,90^\circ}$ (N/mm ²)	10 / 8		
Compression (Resistencia a la compresión)			
$f_{c,0^\circ} / f_{c,90^\circ}$ (N/mm ²)	12,5 / 10		
Shearing (Resistencia al cizallamiento)			
f_v / f_r (N/mm ²)	4,3 / 0,7		
Characteristics stiffness for use in structural design			
Bending (Elasticidad a la flexión)			
$E_m, 0^\circ / E_m, 90^\circ$ (N/mm ²)	4000 / 2500		
Tension (Elasticidad a la tensión)			
$E_t, 0^\circ / E_t, 90^\circ$ (N/mm ²)	2000 / 1250		
Compression (Elasticidad a la compresión)			
$E_c, 0^\circ / E_c, 90^\circ$ (N/mm ²)	3200 / 2000		
Shearing (Elasticidad al cizallamiento)			
G_v / G_r (N/mm ²)	360 / 22		
Mechanical durability (medium duration of load)			
Modification coefficient Kmod		EN 1995-1-1	
Service class 3 (medium duration of load)	0,65		
Deformation coefficient Kdef			
Service class 3	2,50		
Biological durability	Declared class of risk 2	EN 335/EN 1099	
Content of pentachlorophenol (Test not required)	PCP ≤ 5 ppm	EN 13986 2004, Section 5.18	

The performance of the product/s is in conformity with the declared performances.

The declaration of performance is issued the sole responsibility of the manufacturer, identified above.

Signed for and on behalf of the manufactured by:



Mirta Noemi Báez

Deputy Manager of Quality

Forestadora Tapebicua S.A.U. / Argentina / 02 January 2023