



Declaration of Performance for Product Plywood 18mm

DoP-N° 18-ELA-CE-05-2026

Identification Code	EN_636-3-S_18mm
Product identification number	RP-PLY-18
Grade	AC - BC - BB - BCP - CpC - CD
Intended use	Internal use as structural components in humid conditions
Manufacturer & Place of manufacture	Eagon Lautaro S.A, Ruta 5 Sur Km. 644, Lautaro, Chile
Authorised representative	David Rojas, Quality Control Manager
System of Assessment and Verification of Constancy of Performance (AVCP)	AVCP System 2+
Harmonized Standard	EN 13986:2004+A1:2015
Notified Body	Control Union (Finotrol) NB: CPR/2412

Declared Performance / Essential Characteristics

Reference: EN 13986:2004+A1:2015 (2412-CPR-1303-01)

Essential Characteristics	Performance
Bending strength in length & width	MOR// 47,3 N/mm ²
(fm, 0) (fm, 90)	MOE// 5049 N/mm ²
Modulus of Elasticity in bending classes	MOR [⊥] 42,8 N/mm ²
in length & width (fm, 0) (fm, 90)	MOE [⊥] 3533 N/mm ²
Bonding class	Class 3
Durability (Moisture resistant)	Wide bonding class
Moisture Content (%)	<14
Density (kgs/m ³)	>450
Formaldehyde Emission Class	E1/2 EN 717-7
Reaction to fire (for boards with a density greater than 400 kgs/m ³ and with a thickness greater than 9mm)	D-s2, d0; according to EN 13986, Table 8
Water vapour permeability	Wet cup 70 / dry cup 200
Airborne sound insulation	NPD
Sound absorption	0,1 for frequency range 250 Hz to 500 Hz 0,3 for frequency range 1000 Hz to 2000 Hz
Thermal conductivity W/(m*K)	0,13 W/(m*K) (cwft)

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above

David Rojas H.
Quality Control Manager
Eagon Lautaro S.A.

Lautaro, Chile May 18, 2026