



Declaration of Performance for Product Plywood 12mm

Grade	AC - BC - BB - BCP - CpC - CD
Identification Code	EN 636-3-S
Intended use	Internal use as a non-structural and a structural component in humid conditions External use as a non-structural and a structural component.
Manufacturer & Country	Eagon Lautaro S.A., 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 13986:2015-06 (0766-CPR-522)
Notified Body	Timber Products Inspection

Declared Performance / Essential Characteristics
Reference: EN 13986: 2015-06 (0766-CPR-522)

Essential Characteristics	Performance
Bending strength in length & width (fm, 0) (fm, 90)	MOR// 55,6 N/mm ² MOE// 6223 N/mm ²
Modulus of Elasticity in bending classes in length & width (fm, 0) (fm, 90)	MOR \perp 37,9 N/mm ² MOE \perp 2396 N/mm ²
Bonding class	Class 3
Durability (Moisture resistant)	Vide bonding class
Moisture Content (%)	<14
Density (kgs/m ³)	>450
Formaldehyde Emission Class	E-1
Reaction to fire (for boards with a density greater than 400 kgs/m ³ and with a thickness greater than 9mm)	d-s2,d2
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 result included in this report are based on the construction of the board and do not depend on the appearance grade

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

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