



Declaration of Performance for Product Plywood 18mm

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// 47,8 N/mm ²
Modulus of Elasticity in bending classes in length & width (fm, 0) (fm, 90)	MOE// 5074 N/mm ²
Bonding class	MOR \perp 43,6 N/mm ²
Durability (Moisture resistant)	MOE \perp 3613 N/mm ²
Moisture Content (%)	Class 3
Density (kgs/m ³)	Vide bonding class
Formaldehyde Emission Class	<14
Reaction to fire (for boards with a density greater than 400 kgs/m ³ and with a thickness greater than 9mm)	>450
Water vapour permeability	E-1
Airborne sound insulation	d-s2,d2
Sound absorption	Wet cup 70 / dry cup 200
Thermal conductivity W/(m*K)	NPD
	0,1 for frequency range 250 Hz to 500 Hz 0,3 for frequency range 1000 Hz to 2000 Hz
	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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