



## Declaration of Performance for Product Plywood 11mm

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// 58 N/mm <sup>2</sup>
Modulus of Elasticity in bending classes in length & width (fm, 0) (fm, 90)	MOE// 6880 N/mm <sup>2</sup>
Bonding class	MOR $\perp$ 40,3 N/mm <sup>2</sup>
Durability (Moisture resistant)	MOE $\perp$ 2944 N/mm <sup>2</sup>
Moisture Content (%)	Class 3
Density (kgs/m <sup>3</sup> )	Vide bonding class
Formaldehyde Emission Class	<14
Reaction to fire (for boards with a density greater than 400 kgs/m <sup>3</sup> 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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