

# Technical Data

## Pluma Board (Pinable MDF)

TECHNICAL DATA-AVERAGE VALUES					
TEST METHOD	PROPERTIES	UNITS	THICKNESS mm		
			>9-12	>16-18	>23.5-43
EN 323	DENSITY (*)	kg/m <sup>3</sup>	300-400	300-400	300-350
EN 319	INTERNAL BOND	N/mm <sup>2</sup>	0,05	0,05	0,06
EN 310	BENDING STRENGTH	N/mm <sup>2</sup>	2	2	4
EN 310	MODULUS OF ELASTICITY	N/mm <sup>2</sup>	300	300	1200
EN 317	THICKNESS SWELLING 24 H	%	18	18	15
EN 318	DIMENSIONAL MOVEMENT LENGTH/WIDTH	%	0.4	0.4	0.4
EN 322	MOISTURE CONTENT	%	7+/-3	7+/-3	7+/-3
ISO 3340	GRIT CONTENT	% Weight	≤ 0.05	≤ 0.05	≤ 0.05
UNE EN 139861	SOUND ABSORPTION COEFFICIENT (A) (250 A 500 HZ)	-	0.10	0.10	0.10
EN 120	FORMALDEHYDE CONTENT CLASS E1/E0	Mg/100G	<3 <b>E0</b>	<3 <b>E0</b>	<8 <b>E1</b>
UNE EN 139861	CONDUCTIVIDAD TÉRMICA	W/ (m.K)	0.06	0.06	0.06

TOLERANCE ON NOMINAL DIMENSIONS					
TEST METHOD	PROPERTIES	UNITS	THICKNESS mm		
			>9-12	>16-18	>23.5-43
EN-324-1	THICKNESS	mm	+/-0.2	+/-0.2	+/-0.3
EN-324-1	LENGTH/WIDTH	mm	+/-2 mm/m, max +/-5 mm	+/-2 mm/m, max +/-5 mm	+/-2 mm/m, max +/-5 mm
EN 324-2	SQUARENESS	mm/m	+/-2 mm/m	+/-2 mm/m	+/-2 mm/m
EN-324-2	EDGE STRAIGHTNESS	mm/m	+/- 1.5 mm/m	+/- 1.5 mm/m	+/- 1.5 mm/m

(\*) VALUES TO BE CONSIDERED AS A ROUGH GUIDE ONLY.  
THESE PHYSICAL MECHANICAL PROPERTIES COMPLY WITH EN 622-1 TABLE 2.

