

FIMAPAN LOSETAS

TECHNICAL DATA-AVERAGE VALUES

Rev: 18/11/2020

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm		
			30	35	40
DENSITY (*)	EN 323	kg/m ³	680	680	680
INTERNAL BOND	EN 319	N/mm ²	0,40	0,40	0,40
BENDING STRENGTH	EN 310	N/mm ²	15	14	14
MODULUS OF ELASTICITY	EN 310	N/mm ²	2400	2200	2200
THICKNESS SWELLING 2 H	EN 317	%	6	6	6
SURFACE SOUNDNESS	EN 311	N/mm ²	0,8	0,8	0,8
MOISTURE CONTENT	EN 322	%	8+/-3	8+/-3	8+/-3
GRIT CONTENT	ISO 3340	% Weight	≤ 0.05	≤ 0.05	≤ 0.05
FORMALDEHYDE EMISSION	EN 717-1	ppm	≤ 0.10	≤ 0.10	≤ 0.10
REACTION TO FIRE TABLA 8 EN EN 13986:2006+A1:2015	EN 13501-1	Class	D- s2,d0**	D- s2,d0**	D- s2,d0**
REACTION TO FIRE TABLA 8 EN 13986:2004+A1:2015 I	EN 13501-1	Class	Dfl-s1**	Dfl-s1**	Dfl-s1**
SOUND ABSORPTION COEFFICIENT (A) (250 A 500 HZ)	EN 13984:2004+A1:2015	α	0.10	0.10	0.10
SOUND ABSORPTION COEFFICIENT (A) (1000 A 2000 HZ)	EN 13984:2004+A1:2015	α	0.25	0.25	0.25
THERMAL CONDUCTIVITY	EN 13984:2004+A1:2015	W/ (m·K)	0.14	0.14	0.14
AIRBORNE SOUND INSULATION (SURFACE MASS) (R)	EN 13986:2004+A1:2015	db	31	32	33
WATER VAPOUR PERMEABILITY DRY CUP	EN 13986:2004+A1:2015	μ	50	50	50
WATER VAPOUR PERMEABILITY WET CUP	EN 13986:2004+A1:2015	μ	16	16	16
BIOLOGICAL DURABILITY USE	EN 335	Class of use	1	1	1
CONTENT OF PENTACHLOROPHENOL (PCP)	EN 13986:2004+A1:2015	ppm	< 5	< 5	< 5

TOLERANCE ON NOMINAL DIMENSIONS

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm		
			30	35	40
THICKNESS	EN 324-1	mm	+/-0,30	+/-0,30	+/-0,30
LENGTH/WIDTH	EN-324-1	mm	+/- 2	+/- 2	+/- 2
			mm/m, máx +/- 5 mm	mm/m, máx +/- 5 mm	mm/m, máx +/- 5 mm
SQUARENESS	EN 324-2	mm/m	+/-2,0	+/-2,0	+/-2,0
EDGE STRAIGHTNESS	EN-324-2	mm/m	+/-1,5	+/-1,5	+/-1,5

(*) VALUES TO BE CONSIDERED AS A ROUGH GUIDE ONLY.

(**) Commission Decision 2007/348/EC.

These physical-mechanical values improve/comply with the P2 classification established in EN 312:2010 European Standard, Table 3. Boards for indoor applications (including furniture) in dry environments (Type P2). Requirements for the specified mechanical properties.

This product meets Class E1 requirements as defined in EN 312:2010 European Standard.

Non dangerous product. Adequate ergonomic techniques and IPEs must be used when handling. Dust generated in cutting, sanding, drawmilling and other processes must be extracted from the working environment with the usual procedures in the wood industry as industrial vacuum systems and IPEs use must be observed according to law.