

IBERLAC

TECHNICAL DATA-AVERAGE VALUES

Rev: 21/03/2019

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm	
			32 / 45	> 45 / 60
DENSITY (*)	EN 323	kg/m3	720	700
INTERNAL BOND	EN 319	N/mm2	0,90	0,85
BENDING STRENGTH	EN 310	N/mm2	28	25
MODULUS OF ELASTICITY	EN 310	N/mm2	2800	2500
THICKNESS SWELLING 24 H	EN 317	%	8	6
DIMENSIONAL MOVEMENT LENGTH/WIDTH	EN 318	%	0,25	0,25
DIMENSIONAL MOVEMENT TICKNESS	EN 318	%	5	5
SURFACE SOUNDNESS	EN 311	N/mm2	1,2	1,2
SURFACE ABSORPTION (TWO FACES)	EN 382-1	mm	>150	>150
MOISTURE CONTENT	EN 322	%	7+/-3	7+/-3
GRIT CONTENT	ISO 3340	% Weight	≤ 0.05	≤ 0.05
FORMALDEHYDE EMISSION CLASS E1	EN ISO 12460-3	mg/(m2.h)	≤ 8	≤ 8
SCREW HOLDING. EDGE	EN 320	N	700	700
SCREW HOLDING. SURFACE	EN 320	N	1000	1000
REACTION TO FIRE TABLA 8 EN 13986:2004+A1:2015 I	EN 13501-1	Class	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
SOUND ABSORPTION COEFFICIENT (A) (250 A 500 HZ)	EN 13984:2004+A1:2015	α	0.10	0.10
SOUND ABSORPTION COEFFICIENT (A) (1000 A 2000 HZ)	EN 13984:2004+A1:2015	α	0.20	0.20
THERMAL CONDUCTIVITY	EN 13984:2004+A1:2015	W/ (m·K)	0.12	0.12
AIRBORNE SOUND INSULATION (SURFACE MASS) (R)	EN 13986:2004+A1:2015	db	34	35
WATER VAPOUR PERMEABILITY DRY CUP	EN 13986:2004+A1:2015	μ	26	26
WATER VAPOUR PERMEABILITY WET CUP	EN 13986:2004+A1:2015	μ	17	17
BIOLOGICAL DURABILITY USE	EN 13986:2004+A1:2015	Class of use	1	1
CONTENT OF PENTACHLOROPHENOL (PCP)	EN 13986:2004+A1:2015	%	< 5	< 5

TOLERANCE ON NOMINAL DIMENSIONS

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm	
			32 / 45	> 45 / 60
THICKNESS	EN 324-1	mm	+/-0,3	+/-0,3
LENGTH/WIDTH	EN-324-1	mm	+/- 2 mm/m max +/- 5 mm.	+/- 2 mm/m max +/- 5 mm.
SQUARENESS	EN 324-2	mm/m	+/-2	+/-2
EDGE STRAIGHTNESS	EN-324-2	mm/m	+/-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 those established in EN 622-5:2009 European Standard, Table 3 "Requirements for boards for use in dry conditions (Type MDF)".

IBERLAC meets Class E1 requirements (analysed according EN ISO 12460-5) as defined in EN 622-1:2003 European Standard.

The quality of IBERLAC is endorse by AITIM Quality Label.

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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.

