



## FINLIGHT

### TECHNICAL DATA-AVERAGE VALUES

Rev: 20/05/2013

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm			
			>30-45	>30-45	>45-60	>45-60
FACES MDF THICKNESSES		mm	3	6	3	6
DENSITY (*)	EN 323	kg/m <sup>3</sup>	410/380	470/420	380/360	420/390
INTERNAL BOND	EN 319	N/mm <sup>2</sup>	0,06	0,06	0,06	0,06
BENDING STRENGTH	EN 310	N/mm <sup>2</sup>	5	5	5	5
MODULUS OF ELASTICITY	EN 310	N/mm <sup>2</sup>	1300	1300	1200	1200
THICKNESS SWELLING 24 H	EN 317	%	10	8	9	7
DIMENSIONAL MOVEMENT LENGTH/WIDTH	EN 318	%	0,30	0,30	0,30	0,30
DIMENSIONAL MOVEMENT THICKNESS	EN 318	%	3	3	3	3
SURFACE SOUNDNESS	EN 311	N/mm <sup>2</sup>	>1,2	>1,2	>1,2	>1,2
SURFACE ABSORPTION (TWO FACES)	EN 382-1	mm	>150	>150	>150	>150
MOISTURE CONTENT	EN 322	%	7+/-3	7+/-3	7+/-3	7+/-3
GRIT CONTENT	ISO 3340	% Weight	≤ 0,05	≤ 0,05	≤ 0,05	≤ 0,05
FORMALDEHYDE EMISSION	EN 717-1	ppm	≤ 8	≤ 8	≤ 8	≤ 8
SCREW HOLDING. SURFACE	EN 320	N	600	600	600	600
SOUND ABSORPTION COEFFICIENT (A) (250 A 500 HZ)	EN 13984:2004+A1:2015	α	0,10	0,10	0,10	0,10
SOUND ABSORPTION COEFFICIENT (A) (1000 A 2000 HZ)	EN 13984:2004+A1:2015	α	0,20	0,20	0,20	0,20
THERMAL CONDUCTIVITY	EN 13984:2004+A1:2015	W/ (m·K)	0,07	0,07	0,07	0,07

### TOLERANCE ON NOMINAL DIMENSIONS

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm			
			>30-45	>30-45	>45-60	>45-60
THICKNESS	EN 324-1	mm	+/-0,30	+/-0,30	+/-0,30	+/-0,30
LENGTH/WIDTH	EN-324-1	mm	+/- 3	+/- 3	+/- 3	+/- 3
SQUARENESS	EN 324-2	mm/m	+/- 3	+/- 3	+/- 3	+/- 3

(\*) Values to be considered as a rough guide only.

The thicknesses indicated refer to the MDF faces. The core of the product is Iberpan 300.

The sound reduction index is of 24,2 dB. It has been established by AIDIMA following its own procedure. This procedure is based on measuring the sound pressure level on one third of octave bands between 250 Hz and 8 kHz in six different frequency intervals. The result is the mean of all the soundproofings specific of each of the frequencies.

These values must be considered as a rough guide only, never as a guarantee of the characteristics of the product. The technical parameters of this product may be modified due to its constant evolution and to the regulations related to it.

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.