



FINSA

solutions in wood

COMPAC PLUS

TECHNICAL DATA-AVERAGE VALUES

Rev: 2015-07-31

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm
8 a 13			
DENSITY (*)	EN 323	kg/m ³	>1000
INTERNAL BOND	EN 319	N/mm ²	1,8
BENDING STRENGTH	EN 310	N/mm ²	50
MODULUS OF ELASTICITY	EN 310	N/mm ²	5000
THICKNESS SWELLING 24 H	EN 317	%	7
DIMENSIONAL MOVEMENT LENGTH/WIDTH	EN 318	%	0,40
DIMENSIONAL MOVEMENT THICKNESS	EN 318	%	6
SURFACE SOUNDNESS	EN 311	N/mm ²	1,7
SURFACE ABSORPTION (TWO FACES)	EN 382-1	mm	>150
MOISTURE CONTENT	EN 322	%	7+/-3
GRIT CONTENT	ISO 3340	% Weight	≤ 0,05
FORMALDEHYDE CONTENT	EN 120	mg/100 g	<8
SWELLING IN EDGE	EN 13329	%	15
REACTION TO FIRE TABLA EN 13986:2004+A1 I	EN 13501-1	Class	D-s2,d0 (**)
SWELLING IN THICKNESS AFTER CYCLIC TEST (V313)	EN 321 / EN 317	%	12
INTERNAL BOND AFTER CYCLIC TEST (V313)	EN 321 / EN 319	N/mm ²	0,40
INTERNAL BOND AFTER BOIL TEST (OPTION 2)	EN 1087-1 / EN 319	N/mm ²	0.20
SOUND ABSORPTION COEFFICIENT (A) (250 A 500 HZ)	EN 13986:2004+A1	α	0.10
SOUND ABSORPTION COEFFICIENT (A) (1000 A 2000 HZ)	EN 13986:2004+A1	α	0.20
THERMAL CONDUCTIVITY	EN 13986:2004+A1	W/ (m·K)	0.19
AIRBORNE SOUND INSULATION (SURFACE MASS) (R)	EN 13986:2004+A1	db	29
WATER VAPOUR PERMEABILITY WET CUP / DRY CUP	EN 13986:2004+A1	μ	30 / 43
BIOLOGICAL DURABILITY USE	EN 13986:2004+A1	Use classes	1 & 2
CONTENT OF PENTACHLOROPHENOL (PCP)	EN 13986:2004+A1	%	<5

TOLERANCE ON NOMINAL DIMENSIONS

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm
8 a 13			
THICKNESS	EN 324-1	mm	+/-0,20
LENGTH/WIDTH	EN-324-1	mm	+/- 2 mm/m

			max 5 mm
SQUARENESS	EN 324-2	mm/m	+/- 2,0
EDGE STRAIGHTNESS	EN-324-2	mm/m	+/- 1,5

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

(**) Mounted with a closed air gap not more than 22 mm behind the COMPAC PLUS of thickness ≥ 9 mm classification D-s2,d2. Classification E for any other less restrictive condition/ thickness. Commission Decision 2007/348/EC.

These physical-mechanical values improve/comply with those established by EN 622-5:2009 European Standard, Table 4. Requirements for boards general use in humid contitions (Type MDF.H).

COMPAC PLUS meets Class E1 requirements (analysed according EN 120) as defined in EN 622-1:2003 European Standard.

[Google+](#)
[Google+](#)