

TECHNICAL DATA-AVERAGE VALUES			
Rev: 04/12/2017			
PROPERTIES	TEST METHOD	UNITS	THICKNESSES
			13mm
DENSITY (*)	EN 323	kg/m ³	>1000
INTERNAL BOND	EN 319	N/mm ²	1,8
BENDING STRENGTH	EN 310	N/mm ²	55
MODULUS OF ELASTICITY	EN 310	N/mm ²	5000
THICKNESS SWELLING 24 H	EN 317	%	5
DIMENSIONAL MOVEMENT LENGTH/WIDTH	EN 318	%	0.4
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 ISO 12460-5	mg/100 g	< 8
SWELLING IN EDGE	EN 13329	%	13
REACTION TO FIRE TABLA EN 13986:2004+A1:2015 I	EN 13501-1	Class	D-s2,d2 (**)
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	0.4
INTERNAL BOND AFTER BOIL TEST (OPTION 2)	EN 1087-1 / EN 319	N/mm ²	0.2
SOUND ABSORPTION COEFFICIENT (A) (250 A 500 HZ)	EN 13986:2004+A1:2015	α	0.1
SOUND ABSORPTION COEFFICIENT (A) (1000 A 2000 HZ)	EN 13986:2004+A1:2015	α	0.2
THERMAL CONDUCTIVITY	EN 13986:2004+A1:2015	W/ (m·K)	0.19
AIRBORNE SOUND INSULATION (SURFACE MASS) (R)	EN 13986:2004+A1:2015	db	29
WATER VAPOUR PERMEABILITY DRY CUP	EN 13986:2004+A1:2015	μ	43
WATER VAPOUR PERMEABILITY WET CUP	EN 13986:2004+A1:2015	μ	30
BIOLOGICAL DURABILITY USE	EN 13986:2004+A1:2015	Class of use	1 & 2
CONTENT OF PENTACHLOROPHENOL (PCP)	EN 13986:2004+A1:2015	%	<5
TOLERANCE ON NOMINAL DIMENSIONS			
PROPERTIES	TEST METHOD	UNITS	THICKNESSES
			13mm
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