

DECLARATION OF PERFORMANCE	
Reference :	DOPtectoWhitev2
Commercial name :	Tecto White
Product type :	Lacquered Particleboard
Reference standard :	Wood Based Panel - EN 13986+A1:2015 Annex A Table A.4
CE Class :	P5
Field of application :	Internal use as a structural component in humid conditions
AVCP Class :	2+
Certification number:	1161-CPR-0146
Produced at:	Breestraat 4,B-8710 Wielsbeke Ingelmunstersteenweg 299,B-8780 Oostrozebeke

Essential Characteristic	Unit	Reference	Thickness range (mm)
			>6-10
Bending strength	N/mm ²	EN 622-5	18
Modulus of elasticity in bending	N/mm ²	EN 622-5	2550
Internal bond	N/mm ²	EN 622-5	0,45
Swelling in thickness, 24h	%	EN 622-5	13
Moisture resistance OPTION 1 : Internal bond	N/mm ²	EN 622-5	0,25
Moisture resistance OPTION 1 : Swelling in thickness	%	EN 622-5	12
Surface Soundness	N/mm ²	EN 622-5	NPD
Formaldehyde class	Class	EN 13986-table B1	E1
Reaction to fire	Class	EN 13986-5.8	E
Water vapour permeability μ	wet dry	EN 13986 - table 9	NPD NPD
Airborne sound insulation	dB	EN 13986-5.10	NPD
Sound absorption α		EN 13986 - table 10	0,10/0,25
Thermal conductivity λ	W/m.K	EN 13986 - table 11	0,14
Strength - tension f_t	N/mm ²	EN 12369-1	9,4
Strength - compression f_c	N/mm ²	EN 12369-1	12,7
Strength - bending f_m	N/mm ²	EN 12369-1	15
Strength - panel shear f_v	N/mm ²	EN 12369-1	7
Strength - planar shear f_r	N/mm ²	EN 12369-1	1,9
Stiffness - tension E_t	N/mm ²	EN 12369-1	2000
Stiffness - compression E_c	N/mm ²	EN 12369-1	2000
Stiffness - bending E_m	N/mm ²	EN 12369-1	3500
Stiffness - panel shear G_v	N/mm ²	EN 12369-1	960
Impact resistance	Class	EN 12871	NPD
Punshing shear strength R_{mean}	N/mm ²	EN 1195	NPD
Punshing shear strength $F_{ser,k}$	N/mm ²	EN 1195	NPD
Punshing shear strength $F_{max,k}$	N/mm ²	EN 1195	NPD
Linear expansion $\delta_{30,85}$	mm/m	EN 318	< 3
Mechanical durability (kmod; kdef)		Shall be taken from :	NPD
Biological durability	Service Class	EN 335	1 & 2
Content of PCP	ppm	EN 13986-5.18	<5

(*) <9mm - E₁ 9mm : D-s2, d0

Informative Characteristic	Unit	Reference	Thickness range (mm)
			>6-10
Formaldehyde content	mg/100g	EN 120	< 8 mg/100g DS

Version date :
6/05/2019

Lode De Boe,
President UNILIN bvba, division panels

