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DECLARATION OF PERFORMANCE	
Reference :	DOPMezzanineP4StandardTGv2
Commercial name :	Mezzanine P4 Standard TG
Product type :	Tongue and groove panel
Reference standard :	Wood Based Panel - EN13986:2004+A1:2015 Annex A Table A.4
CE Class :	P4
Field of application :	Internal use as a structural component in dry conditions
AVCP Class :	2+
Certification number:	1161-CPR-0145
Produced at:	Breestraat 4,B-8710 Wielsbeke
	Ingelmunstersteenweg 299,B-8780 Oostrozebeke

Essential Characteristic	Unit	Reference	Thickness range (mm)	
			>25-32	>32
Bending strength	N/mm²	EN 312-table 9	11	9
Modulus of elasticity in bending	N/mm²	EN 312-table 9	1850	1500
Internal bond	N/mm²	EN 312-table 9	0,25	0,20
Swelling in thickness, 24h	%	EN 312-table 9	15	14
Formaldehyde emission class	Class	EN 13986-table B1	E1	E1
Reaction to fire	Class	EN 13501-1	D-s2,d0	D-s2,d0
Reaction to fire (Flooring)	Class	EN 13501-1	D_{fl}-s1	D_{fl}-s1
Water vapour permeability μ	wet	EN 13986 - table 9	15	15
	dry		50	50
Airborne sound insulation	dB	EN 13986-5.10	NPD	NPD
Sound absorption α		EN 13986 - table 10	0,10/0,25	0,10/0,25
Thermal conductivity λ	W/m.K	EN 13986 - table 11	0,12	0,12
Strength - tension ft	N/mm²	EN 12369-1	6,1	5
Strength - compression fc	N/mm²	EN 12369-1	9	7,6
Strength - bending f_m	N/mm²	EN 12369-1	9,2	7,5
Strength - panel shear f_v	N/mm²	EN 12369-1	4,8	4,4
Strength - planar shear f_r	N/mm²	EN 12369-1	1,2	1,1
Stifness - tension E_t	N/mm²	EN 12369-1	1400	1200
Stifness - compression E_c	N/mm²	EN 12369-1	1400	1200
Stifness - bending E_m	N/mm²	EN 12369-1	2400	2100
Stifness - panel shear G_v	N/mm²	EN 12369-1	680	600
Impact resistance	Class	EN 12871	NPD	NPD
Punshing shear strength R_{mean}	N/mm²	EN 1195	NPD	NPD
Punshing shear strength $F_{ser,k}$	N/mm²	EN 1195	NPD	NPD
Punshing shear strength $F_{max,k}$	N/mm²	EN 1195	NPD	NPD
Linear expansion $\delta l_{30,85}$	mm/m	EN 318	< 4	< 4
Mechanical durability (kmod; kdef)		Shall be taken from :	EN 1995-1-1	EN 1995-1-1
Biological durability	Service Class	EN 335	1	1
Content of PCP	ppm	EN 13986-5.18	<5	<5

Informative Characteristic	Unit	Reference	Thickness range (mm)	
			>25-32	>32
Formaldehyde content	mg/100g	EN 120	< 8 mg/100g DS	

Version date :
25/06/2019

Lode De Boe,
President UNILIN bvba, division panels