

DECLARATION OF PERFORMANCE	
Reference :	DOPMezzanineP4StandardTGv1
Commercial name :	Mezzanine P4 Standard TG
Product type :	Melamine faced tongue and groove panel
Reference standard :	Wood Based Panel - EN 13986 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/mm <sup>2</sup>	EN 312-table 9	11	9
Bending stiffness	N/mm <sup>2</sup>	EN 312-table 9	1850	1500
Internal bond	N/mm <sup>2</sup>	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 <sub>f</sub> -s1	D <sub>f</sub> -s1
Water vapour permeability $\mu$	wet	EN 13986 - table 9	15	15
	dry		50	50
Airborne sound insulation	dB	EN 13986-5.10	NPD	NPD
Sound absorption $\alpha$		EN 13986 - table 10	0,10/0,25	0,10/0,25
Thermal conductivity $\lambda$	W/m.K	EN 13986 - table 11	0,12	0,12
Strength - tension $f_t$	N/mm <sup>2</sup>	EN 12369-1	6,1	5
Strength - compression $f_c$	N/mm <sup>2</sup>	EN 12369-1	9	7,6
Strength - bending $f_m$	N/mm <sup>2</sup>	EN 12369-1	9,2	7,5
Strength - panel shear $f_p$	N/mm <sup>2</sup>	EN 12369-1	4,8	4,4
Strength - planar shear $f_r$	N/mm <sup>2</sup>	EN 12369-1	1,2	1,1
Stiffness - tension $E_t$	N/mm <sup>2</sup>	EN 12369-1	1400	1200
Stiffness - compression $E_c$	N/mm <sup>2</sup>	EN 12369-1	1400	1200
Stiffness - bending $E_m$	N/mm <sup>2</sup>	EN 12369-1	2400	2100
Stiffness - panel shear $G_v$	N/mm <sup>2</sup>	EN 12369-1	680	600
Impact resistance	Class	EN 12871	NPD	NPD
Punishing shear strength $R_{mean}$	N/mm <sup>2</sup>	EN 1195	NPD	NPD
Punishing shear strength $F_{ser,k}$	N/mm <sup>2</sup>	EN 1195	NPD	NPD
Punishing shear strength $F_{max,k}$	N/mm <sup>2</sup>	EN 1195	NPD	NPD
Linear expansion $\delta_{30,85}$	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 :  
19/01/2019

Lode De Boe,  
President UNILIN bvba, division panels

