



DECLARATION OF PERFORMANCE	
Reference :	DOPSystemfloorPlusLFBasicv1
Commercial name :	Systemfloor Plus LF Basic
Product type :	Particleboard
Reference standard :	Wood Based Panel - EN 13986:2004+A1:2015 Annex A Table A.4
CE Class :	P6
Field of application :	Internal use as a structural component in dry conditions
AVCP Class :	2+
Certification number:	1161-CPR-0542
Produced at:	Breestraat 4,B-8710 Wielsbeke Ingelmunstersteenweg 229,B-8780 Oostrozebeke

Essential Characteristic	Unit	Reference	Thickness range (mm)		
			>=25-32	>32-40	>40
Bending strength	N/mm ²	EN 622-5	16	15	NPD
Modulus of elasticity in bending	N/mm ²	EN 622-5	2700	2600	NPD
Internal bond	N/mm ²	EN 622-5	0.40	0.35	NPD
Swelling in thickness, 24h	%	EN 622-5	15	14	NPD
Formaldehyde class	Class	EN 13986-table B1	E1	E1	NPD
Reaction to fire	Class	EN 13501-1	Ds2-d0	Ds2-d0	NPD
Reaction to fire (Flooring)	Class	EN 13501-1	Dfl-s1	Dfl-s1	NPD
Water vapour permeability μ	wet	EN 13986 - table 9	15	15	NPD
	dry		50	50	NPD
Airborne sound insulation	dB	EN 13986-5.10	NPD	NPD	NPD
Sound absorption α		EN 13986 - table 10	0,10/0,25	0,10/0,25	NPD
Thermal conductivity λ	W/m.K	EN 13986 - table 11	0.13	0.13	NPD
Strength - tension f_t	N/mm ²	EN 12369-1	8.3	7.8	NPD
Strength - compression f_c	N/mm ²	EN 12369-1	12.2	11.9	NPD
Strength - bending f_m	N/mm ²	EN 12369-1	12.5	11.7	NPD
Strength - panel shear f_y	N/mm ²	EN 12369-1	6.5	6	NPD
Strength - planar shear f_r	N/mm ²	EN 12369-1	1.7	1.7	NPD
Stiffness - tension E_t	N/mm ²	EN 12369-1	1900	1800	NPD
Stiffness - compression E_c	N/mm ²	EN 12369-1	1900	1800	NPD
Stiffness - bending E_m	N/mm ²	EN 12369-1	3300	3100	NPD
Stiffness - panel shear G_v	N/mm ²	EN 12369-1	950	900	NPD
Impact resistance	Class	EN 12871	NPD	NPD	NPD
Punishing shear strength R_{mean}	N/mm ²	EN 1195	NPD	NPD	NPD
Punishing shear strength $F_{ser,k}$	N/mm ²	EN 1195	NPD	NPD	NPD
Punishing shear strength $F_{max,k}$	N/mm ²	EN 1195	NPD	NPD	NPD
Linear expansion $\delta_{30,85}$	mm/m	EN 318	< 4	< 4	NPD
Mechanical durability (kmod; kdef)		Shall be taken from :	EN 1995-1-1	EN 1995-1-1	NPD
Biological durability	Service Class	EN 335	1	1	NPD
Content of PCP	ppm	EN 13986-5.18	<5	<5	NPD

Informative Characteristic	Unit	Reference	Thickness range (mm)		
			>=25-32	>32-40	>40
Formaldehyde content	mg/100g	EN 120	< 4.5 mg/100g DS		NPD

Version date :
31/01/2023

Veronique Hoflack
President UNILIN bv, division panels

