

DECLARATION OF PERFORMANCE	
Reference :	DOPSystemfloorHD+v1
Commercial name :	Systemfloor HD+
Product type :	Particleboard
Reference standard :	Wood Based Panel - EN 13986+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-1326
Produced at:	Breestraat 4,B-8710 Wielsbeke Ingelmunstersteenweg 229,B-8780 Oostrozebeke

Essential Characteristic	Unit	Reference	Thickness range (mm)				
			>13-20	>20-24	>=25-32	>32-40	>40
Bending strength	N/mm ²	EN 312	NPD	NPD	20	NPD	NPD
Modulus of elasticity in bending	N/mm ²	EN 312	NPD	NPD	3500	NPD	NPD
Internal bond	N/mm ²	EN 312	NPD	NPD	0.70	NPD	NPD
Swelling in thickness, 24h	%	EN 312	NPD	NPD	10	NPD	NPD
Formaldehyde class	Class	EN 13986-tabel B1	NPD	NPD	E1	NPD	NPD
Reaction to fire	Class	EN 13501-1	NPD	NPD	D-s2,d0	NPD	NPD
Reaction to fire (Floors)	Class	EN 13501-1	NPD	NPD	Dfl-s1	NPD	NPD
Water vapour permeability μ	wet	EN 13986 - table 9	NPD	NPD	15	NPD	NPD
	dry		NPD	NPD	50	NPD	NPD
Airborne sound insulation	dB	EN 13986-5.10	NPD	NPD	NPD	NPD	NPD
Sound absorption α		EN 13986 - table 10	NPD	NPD	0,10/0,25	NPD	NPD
Thermal conductivity λ	W/m.K	EN 13986 - table 11	NPD	NPD	0.13	NPD	NPD
Strength - tension f_t	N/mm ²	EN 12369-1	NPD	NPD	8.3	NPD	NPD
Strength - compression f_c	N/mm ²	EN 12369-1	NPD	NPD	12.2	NPD	NPD
Strength - bending f_m	N/mm ²	EN 12369-1	NPD	NPD	12.5	NPD	NPD
Strength - panel shear f_v	N/mm ²	EN 12369-1	NPD	NPD	6.5	NPD	NPD
Strength - planar shear f_r	N/mm ²	EN 12369-1	NPD	NPD	1.7	NPD	NPD
Stiffness - tension E_t	N/mm ²	EN 12369-1	NPD	NPD	1900	NPD	NPD
Stiffness - compression E_c	N/mm ²	EN 12369-1	NPD	NPD	1900	NPD	NPD
Stiffness - bending E_m	N/mm ²	EN 12369-1	NPD	NPD	3300	NPD	NPD
Stiffness - panel shear G_v	N/mm ²	EN 12369-1	NPD	NPD	950	NPD	NPD
Impact resistance	Class	EN 12871	NPD	NPD	NPD	NPD	NPD
Punishing shear strength R_{mean}	N/mm ²	EN 1195	NPD	NPD	NPD	NPD	NPD
Punishing shear strength $F_{ser,k}$	N/mm ²	EN 1195	NPD	NPD	NPD	NPD	NPD
Punishing shear strength $F_{max,k}$	N/mm ²	EN 1195	NPD	NPD	NPD	NPD	NPD
Linear expansion $\delta_{l_{30,85}}$	mm/m	EN 318	NPD	NPD	< 4	NPD	NPD
Mechanical durability (kmod; kdef)		Shall be taken from :	NPD	NPD	EN 1995-1-1	NPD	NPD
Biological durability	Service Class	EN 335	NPD	NPD	1	NPD	NPD
Content of PCP	ppm	EN 13986-5.18	NPD	NPD	<5	NPD	NPD

Informative Characteristic	Unit	Reference	Thickness range (mm)				
			>13-20	>20-24	>=25-32	>32-40	>40
Formaldehyde content	mg/100g	EN 120	< 8 mg/100g DS				

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