



DECLARATION OF PERFORMANCE	
Reference :	DOPSystemFloorHDDecorv1
Commercial name :	SystemFloor HD Decor
Product type :	Melamine faced 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-1327
Produced at:	Breestraat 4,B-8710 Wielsbeke Ingelmunstersteenweg 299,B-8780 Oostrozebeke

Essential Characteristic	Unit	Standard	Test Method	Thickness range (mm)		
				25	>25-32	>32
Bending strength	N/mm ²	EN 312 - table 9	EN 310	17	17	16
Modulus of elasticity in bending	N/mm ²	EN 312 - table 9	EN 310	2900	2900	2800
Internal bond	N/mm ²	EN 312 - table 9	EN 319	0.45	0.45	0.40
Swelling in thickness, 24h	%	EN 312 - table 9	EN 317	15	15	14
Formaldehyde emission class	Class	EN 13986 Annex B	EN 717-1	E1	E1	E1
Reaction to fire	Class	EN 13986 - 5.8	EN 13501-1	D-s2,d0	D-s2,d0	D-s2,d0
Reaction to fire (Flooring)	Class	EN 13986 - 5.8	EN 13501-1	B _{fl} -s1	B _{fl} -s1	B _{fl} -s1
Water vapour permeability μ	wet dry	EN 312 - table 9	EN 12524	NPD	NPD	NPD
Airborne sound insulation	dB	EN 13986 - 5.10	EN ISO 140-3	NPD	NPD	NPD
Sound absorption α		EN 13986 - table 10	EN ISO 354	0,10/0,25	0,10/0,25	0,10/0,25
Thermal conductivity λ	W/m.K	EN 13986 - table 11	EN 12664	0.13	0.13	0.13
Strength - tension ft	N/mm ²	EN 13986 - 5.13	EN 12369-1	8.3	8.3	7.8
Strength - compression fc	N/mm ²	EN 13986 - 5.13	EN 12369-1	12.2	12.2	11.9
Strength - bending f _m	N/mm ²	EN 13986 - 5.13	EN 12369-1	12.5	12.5	11.7
Strength - panel shear f _p	N/mm ²	EN 13986 - 5.13	EN 12369-1	6.5	6.5	6
Strength - planar shear f _r	N/mm ²	EN 13986 - 5.13	EN 12369-1	1.7	1.7	1.7
Stiffness - tension E _t	N/mm ²	EN 13986 - 5.13	EN 12369-1	1900	1900	1800
Stiffness - compression E _c	N/mm ²	EN 13986 - 5.13	EN 12369-1	1900	1900	1800
Stiffness - bending E _m	N/mm ²	EN 13986 - 5.13	EN 12369-1	3300	3300	3100
Stiffness - panel shear G _v	N/mm ²	EN 13986 - 5.13	EN 12369-1	950	950	900
Impact resistance	Class	EN 13986 - 5.14	EN 12871	NPD	NPD	NPD
Punshing shear strength R _{mean}	N/mm ²	EN 13986 - 5.15	EN 1195	NPD	NPD	NPD
Punshing shear strength F _{ser,k}	N/mm ²	EN 13986 - 5.15	EN 1195	NPD	NPD	NPD
Punshing shear strength F _{max,k}	N/mm ²	EN 13986 - 5.15	EN 1195	NPD	NPD	NPD
Linear expansion δ _{30,85}	mm/m	EN 13986 - 5.15	EN 318	< 4	< 4	< 4
Mechanical durability (kmod; kdef)		EN 13986 - 5.16	Shall be taken from :	EN 1995-1-1	EN 1995-1-1	EN 1995-1-1
Biological durability	Service Class	EN 13986 - 5.17	EN 335	1	1	1
Content of PCP	ppm	EN 13986 - 5.18	EN 13986-5.18	<5	<5	<5

Informative Characteristic	Unit	Standard	Test Method	Thickness range (mm)		
				>25-32	>25-32	>32
Formaldehyde Emission	ppm	ChemVerbots	EN 717-1/ISO 16516	≤ 0.1 ppm [ISO 16516 LF1.8/EN 717-1*2]		
Abrasion resistance	Class	EN 13329 - table 2	EN 438-2-10	AC 5		
Resistance to impact by small diameter ball	N	-	EN 438-2.20	> 15		
Resistance to impact by large diameter ball (Drop height / Indentation Ø)	mm (min) /mm(max)	-	EN 438-2.21	1000 (min) / 10 (max)		
Static electrical property	kV	EN 14041	EN 1815	< 2 (antistatic)		
Thickness variance	mm	EN 312 - table 1	EN 324-1	+/- 0.3		
Length and width variance	mm	EN 312 - table 1	EN 324-1	+/- 2		
Flatness (diagonal)	mm	EN 312 - table 1	EN 324-2	+/- 0.5		
Vlakheid (edge)	mm	EN 312 - table 1	EN 324-2	+/- 0.4		

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