

DECLARATION OF PERFORMANCE	
Reference :	DOPHydrolisv1
Commercial name :	Hydrolis
Product type :	Particleboard
Reference standard :	Wood Based Panel - EN 13986 Annex A Table A.4
CE Class :	P3
Field of application :	Internal use as a non-structural component in humid conditions
AVCP Class :	4
Certification number:	Not Applicable
Produced at:	Breestraat 4,B-8710 Wielsbeke
	Ingelmunstersteenweg 299,B-8780 Oostrozebeke
	Ridder de Ghellinckstraat 9,B-8710 Wielsbeke

Essential Characteristic	Unit	Reference	Thickness range (mm)					
			>6-13	>13-20	>20-25	>25-32	>32-40	>40
Bending strength	N/mm <sup>2</sup>	EN 312-table 4	15	14	12	11	9	7,5
Bending stiffness	N/mm <sup>2</sup>	EN 312-table 4	2050	1950	1850	1700	1550	1350
Internal bond	N/mm <sup>2</sup>	EN 312-table 4	0,45	0,45	0,40	0,35	0,30	0,25
Swelling in thickness, 24h	%	EN 312-table 4	17	14	13	13	12	12
Moisture resistance OPTION 1 : Internal bond	N/mm <sup>2</sup>	EN 312-table 5	0,15	0,13	0,12	0,1	0,09	0,08
Moisture resistance OPTION 1 : Swelling in thickness	%	EN 312-table 5	14	13	12	12	11	11
Formaldehyde emission class	Class	EN 13986-table B1	E1	E1	E1	E1	E1	E1
Formaldehyde content	mg/100g	EN 120	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8
Reaction to fire	Class	EN 13501-1	E	D-s2,d0	D-s2,d0	D-s2,d0	D-s2,d0	D-s2,d0
Water vapour permeability μ	wet	EN 13986-table 9	16	16	15	15	15	15
	dry		50	50	50	50	50	50
Airborne sound insulation	dB	EN 13986-5.10	NPD	NPD	NPD	NPD	NPD	NPD
Sound absorption α		EN 13986-table 10	0,10/0,25	0,10/0,25	0,10/0,25	0,10/0,25	0,10/0,25	0,10/0,25
Thermal conductivity λ	W/m.K	EN 13986-table 11	0,14	0,14	0,14	0,13	0,13	0,13
Linear expansion δ <sub>l30,85</sub>	mm/m	EN 318	< 3	< 3	< 3	< 3	< 3	< 3
Biological durability	Service Class	EN 335	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
Content of PCP	ppm	EN 13986-5.18	< 5	< 5	< 5	< 5	< 5	< 5

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Lode De Boe,  
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