

DECLARATION OF PERFORMANCE	
Reference :	DOPHydroPaintv1
Commercial name :	HydroPaint
Product type :	MDF Fibreboard with lacquer film
Reference standard :	Wood Based Panel - EN 13986 Annex A Table A.9
CE Class :	MDF.H
Field of application :	Internal use as non-structural component in humid conditions
AVCP Class :	4
Certification number:	Not Applicable
Produced at:	Breestraat 4,B-8710 Wielsbeke

Essential Characteristic	Unit	Reference	Thickness range (mm)				
			6	>6-9	>9-12	>12-19	>19-30
Bending strength	N/mm <sup>2</sup>	EN 622-5-table 4	27	27	26	24	22
Bending stiffness	N/mm <sup>2</sup>	EN 622-5-table 4	2700	2700	2500	2400	2300
Internal bond	N/mm <sup>2</sup>	EN 622-5-table 4	0,70	0,80	0,80	0,75	0,75
Swelling in thickness, 24h	%	EN 622-5-table 4	18	12	10	8	7
Moisture resistance OPTION 1 : Internal bond	N/mm <sup>2</sup>	EN 622-5-table 4	0,35	0,30	0,25	0,20	0,15
Moisture resistance OPTION 1 : Swelling in thickness	%	EN 622-5-table 4	25	19	16	15	15
Formaldehyde emission class	Class	EN 13986-table B1	E1	E1	E1	E1	E1
Formaldehyde content	mg/100g	EN 120	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8
Reaction to fire	Class	EN 13501-1	E	E	D-s2,d0	D-s2,d0	D-s2,d0
Water vapour permeability μ	wet	EN 13986-table 9	220	220	220	220	220
	dry		300	300	300	300	300
Airborne sound insulation	dB	EN 13986-5.10	NPD	NPD	NPD	NPD	NPD
Sound absorption α		EN 13986-table 10	0,10/0,20	0,10/0,20	0,10/0,20	0,10/0,20	0,10/0,20
Thermal conductivity λ	W/m.K	EN 13986-table 11	0,14	0,14	0,13	0,13	0,12
Biological durability	Service Class	EN 335	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
Content of PCP	ppm	EN 13986-5.18	< 5	< 5	< 5	< 5	< 5

Version date :  
1/06/2014

Lode De Boe,  
President UNILIN bvba, division panels

