

DECLARATION OF PERFORMANCE	
Reference :	DOPClicwallMRPaintv2
Commercial name :	Clicwall MR Paint
Product type :	Melamine faced MDF Fibreboard
Reference standard :	Wood Based Panel - EN13986:2004+A1:2015 Annex A Table A.9
CE Class :	MDF.H
Field of application :	Walls (Internal use as 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
	Ooigemstraat 3, B-8710 Wielsbeke

Essential Characteristic	Unit	Reference	Thickness range (mm)	
			10	12
Bending strength	N/mm <sup>2</sup>	EN 622-5	26	26
Modulus of elasticity in bending	N/mm <sup>2</sup>	EN 622-5	2500	2500
Internal bond	N/mm <sup>2</sup>	EN 622-5	0,80	0,80
Swelling in thickness, 24h	%	EN 622-5	NPD	10
Moisture resistance OPTION 1 : Internal bond	N/mm <sup>2</sup>	EN 622-5	NPD	NPD
Moisture resistance OPTION 1 : Swelling in thickness	%	EN 622-5	NPD	NPD
Surface Soundness	N/mm <sup>2</sup>	EN 622-5	NPD	NPD
Formaldehyde class	Class	EN 13986-table B1	E1	E1
Reaction to fire	Class	EN 13501-1	D-s2d0	D-s2d0
Water vapour permeability $\mu$	wet	EN 13986 - table 9	NPD	NPD
	dry		NPD	NPD
Airborne sound insulation	dB	EN 13986-5.10	NPD	NPD
Sound absorption $\alpha$		EN 13986 - table 10	0,10/0,20	0,10/0,20
Thermal conductivity $\lambda$	W/m.K	EN 13986 - table 11	0,13	0,13
Strength - tension $f_t$	N/mm <sup>2</sup>	EN 12369-1	NPD	NPD
Strength - compression $f_c$	N/mm <sup>2</sup>	EN 12369-1	NPD	NPD
Strength - bending $f_m$	N/mm <sup>2</sup>	EN 12369-1	NPD	NPD
Strength - panel shear $f_y$	N/mm <sup>2</sup>	EN 12369-1	NPD	NPD
Strength - planar shear $f_x$	N/mm <sup>2</sup>	EN 12369-1	NPD	NPD
Stiffness - tension $E_t$	N/mm <sup>2</sup>	EN 12369-1	NPD	NPD
Stiffness - compression $E_c$	N/mm <sup>2</sup>	EN 12369-1	NPD	NPD
Stiffness - bending $E_m$	N/mm <sup>2</sup>	EN 12369-1	NPD	NPD
Stiffness - panel shear $G_v$	N/mm <sup>2</sup>	EN 12369-1	NPD	NPD
Impact resistance	Class	EN 12871	NPD	NPD
Punshing shear strength $R_{mean}$	N/mm <sup>2</sup>	EN 1195	NPD	NPD
Punshing shear strength $F_{ser,k}$	N/mm <sup>2</sup>	EN 1195	NPD	NPD
Punshing shear strength $F_{max,k}$	N/mm <sup>2</sup>	EN 1195	NPD	NPD
Linear expansion $\delta_{l,30,85}$	mm/m	EN 318	NPD	NPD
Mechanical durability (kmod; kdef)		Shall be taken from :	NPD	NPD
Biological durability	Service Class	EN 335	1 & 2	1 & 2
Content of PCP	ppm	EN 13986-5.18	<5	<5

(\*) <9mm : E; 9mm : D-s2,d0

Informative Characteristic	Unit	Reference	Thickness range (mm)	
			10	12
Formaldehyde content	mg/100g	EN 120	< 8 mg/100g DS	

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Lode De Boe,  
President UNILIN bvba, division panels

