

DECLARATION OF PERFORMANCE	
Reference :	DOPClicwallFRPaintv5
Commercial name :	Clicwall FR Paint
Product type :	Fire retardant melamine faced MDF Fibreboard
Reference standard :	Wood Based Panel - EN13986:2004+A1:2015 Annex A Table A.9
CE Class :	MDF
Field of application :	Walls (Internal use as non-structural component in dry conditions - Service Class 1)
AVCP Class :	1
Certification number:	1161-CPR-1275 (10mm) / 1161-CPR-1391 (12mm)
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 ²	EN 622-5	22	22
Modulus of elasticity in bending	N/mm ²	EN 622-5	2500	2500
Internal bond	N/mm ²	EN 622-5	0,60	0,60
Swelling in thickness, 24h	%	EN 622-5	NPD	NPD
Moisture resistance OPTION 1 : Internal bond	N/mm ²	EN 622-5	NPD	NPD
Moisture resistance OPTION 1 : Swelling in thickness	%	EN 622-5	NPD	NPD
Surface Soundness	N/mm ²	EN 622-5	NPD	NPD
Formaldehyde class	Class	EN 13986-table B1	E1	E1
Reaction to fire	Class	EN 13501-1	B-s2d0	B-s1d0
Water vapour permeability μ	wet	EN 13986 - table 9	NPD	NPD
	dry		NPD	NPD
Airborne sound insulation	dB	EN 13986-5.10	NPD	NPD
Sound absorption α		EN 13986 - table 10	0,10/0,20	0,10/0,20
Thermal conductivity λ	W/m.K	EN 13986 - table 11	0,13	0,13
Strength - tension f_t	N/mm ²	EN 12369-1	NPD	NPD
Strength - compression f_c	N/mm ²	EN 12369-1	NPD	NPD
Strength - bending f_m	N/mm ²	EN 12369-1	NPD	NPD
Strength - panel shear f_y	N/mm ²	EN 12369-1	NPD	NPD
Strength - planar shear f_r	N/mm ²	EN 12369-1	NPD	NPD
Stiffness - tension E_t	N/mm ²	EN 12369-1	NPD	NPD
Stiffness - compression E_c	N/mm ²	EN 12369-1	NPD	NPD
Stiffness - bending E_m	N/mm ²	EN 12369-1	NPD	NPD
Stiffness - panel shear G_v	N/mm ²	EN 12369-1	NPD	NPD
Impact resistance	Class	EN 12871	NPD	NPD
Punishing shear strength R_{mean}	N/mm ²	EN 1195	NPD	NPD
Punishing shear strength $F_{ser,k}$	N/mm ²	EN 1195	NPD	NPD
Punishing shear strength $F_{max,k}$	N/mm ²	EN 1195	NPD	NPD
Linear expansion $\delta_{1,30,85}$	mm/m	EN 318	NPD	NPD
Mechanical durability (kmod; kdef)		Shall be taken from :	NPD	NPD
Biological durability	Service Class	EN 335	1	1
Content of PCP	ppm	EN 13986-5.18	<5	<5

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

