

DECLARATION OF PERFORMANCE	
Reference :	DOPFibroStructurev1
Commercial name :	FibroStructure
Product type :	MDF Fibreboard
Reference standard :	Wood Based Panel - EN 13986 Annex A Table A.9
CE Class :	MDF
Field of application :	Internal use as non-structural component in dry 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 ²	EN 622-5-table 3	23	23	22	20	18
Bending stiffness	N/mm ²	EN 622-5-table 3	2700	2700	2500	2200	2100
Internal bond	N/mm ²	EN 622-5-table 3	0,65	0,65	0,60	0,55	0,55
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	20	19	18	17	17
	dry		30	29	27	26	26
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	1	1	1	1
Content of PCP	ppm	EN 13986-5.18	< 5	< 5	< 5	< 5	< 5

Version date :
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Lode De Boe,
President UNILIN bvba, division panels

