

DECLARATION OF PERFORMANCE

REFERENCE NUMBER: DOPMDFHV1

Unilin SAS, Division Panels, CS40913, F-08209 Sedan

Product type: MDF.H Fiberboard

Intended use: internal use as non-structural component in humid conditions

Manufactured in:

Zone Industrielle, F-08140 Bazeilles

Declared performance:

Wood based panel - technical class MDF - EN 13986 Annex A Table A.9

AVCP class 4

Thickness range (mm)		6	>6-9	>9-12	>12-19	>19-30
Essential Characteristic	Reference					
Bending strength (N/mm ²)	EN 622-5 - table 4	27	27	26	24	22
Bending stiffness (N/mm ²)	EN 622-5 - table 4	2700	2700	2500	2400	2300
Internal bond (N/mm ²)	EN 622-5 - table 4	0,7	0,8	0,8	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 ²)	EN 622-5 - table 4	0,35	0,3	0,25	0,2	0,15
Moisture resistance OPTION 1						
Swelling in thickness (N/mm ²)	EN 622-5 - table 4	25	19	16	15	15
Moisture resistance OPTION 2						
Internal bond (N/mm ²)	EN 622-5 - table 4	0,2	0,15	0,15	0,12	0,12
Release of formaldehyde		E1	E1	E1	E1	E1
Reaction to fire	EN 13501-1	F-s2,d0	F-s2,d0	D-s2,d0	D-s2,d0	D-s2,d0
Water vapour permeability (μ)	EN 13986 - table 9	wet 20	wet 19	wet 18	wet 17	wet 17
		dry 30	dry 29	dry 27	dry 26	dry 26
Airborne sound insulation		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	EN 335	Use class 1&2	Use class 1&2	Use class 1&2	Use class 1&2	Use class 1&2
Content of PCP (ppm)		<5	<5	<5	<5	<5

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Lode De Boe
President UNILIN bvba – division panels
Vaste vertegenwoordiger van De Boe Lode bvba

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