

DECLARATION OF PERFORMANCE	
Reference :	DOPUnilinEvolaAntivlamv1
Commercial name :	Unilin Evola Antivlam
Product type :	Fire retardant melamine faced particleboard
Reference standard :	Wood Based Panel - EN13986:2004+A1:2015 Annex A Table A.4
CE Class :	P2
Field of application :	Internal use as non-structural component in dry conditions
AVCP Class :	1
Certification number:	1161-CPR-939 [10 mm ≤ t ≤ 25mm]
Produced at:	Breestraat 4,B-8710 Wielsbeke
	Ingelmunstersteenweg 299,B-8780 Oostrozebeke
	Ambachtenstraat 68, B-8870 Izegem

Essential Characteristic	Unit	Reference	Thickness range (mm)		
			>10-13	>13-20	>20-25
Bending strength	N/mm ²	EN 622-5	11	11	10,5
Modulus of elasticity in bending	N/mm ²	EN 622-5	1600	1600	1500
Internal bond	N/mm ²	EN 622-5	0,35	0,35	0,30
Surface Soundness	N/mm ²	EN 622-5	0,8	0,8	0,8
Formaldehyde class	Class	EN 13986-table B1	E1	E1	E1
Reaction to fire	Class	EN 13501-1	B-s1,d0	B-s1,d0	B-s1,d0
Water vapour permeability μ	wet	EN 13986 - table 9	15	15	15
	dry		50	50	50
Airborne sound insulation	dB	EN 13986-5.10	NPD	NPD	NPD
Sound absorption α		EN 13986 - table 10	0,10/0,25	0,10/0,25	0,10/0,25
Thermal conductivity λ	W/m.K	EN 13986 - table 11	0,14	0,14	0,13
Strength - tension f _t	N/mm ²	EN 12369-1	NPD	NPD	NPD
Strength - compression f _c	N/mm ²	EN 12369-1	NPD	NPD	NPD
Strength - bending f _m	N/mm ²	EN 12369-1	NPD	NPD	NPD
Strength - panel shear f _v	N/mm ²	EN 12369-1	NPD	NPD	NPD
Strength - planar shear f _r	N/mm ²	EN 12369-1	NPD	NPD	NPD
Stiffness - tension E _t	N/mm ²	EN 12369-1	NPD	NPD	NPD
Stiffness - compression E _c	N/mm ²	EN 12369-1	NPD	NPD	NPD
Stiffness - bending E _m	N/mm ²	EN 12369-1	NPD	NPD	NPD
Stiffness - panel shear G _v	N/mm ²	EN 12369-1	NPD	NPD	NPD
Impact resistance	Class	EN 12871	NPD	NPD	NPD
Punishing shear strength R _{mean}	N/mm ²	EN 1195	NPD	NPD	NPD
Punishing shear strength F _{ser,k}	N/mm ²	EN 1195	NPD	NPD	NPD
Punishing shear strength F _{max,k}	N/mm ²	EN 1195	NPD	NPD	NPD
Linear expansion δ _{30,85}	mm/m	EN 318	NPD	NPD	NPD
Mechanical durability (kmod; kdef)		Shall be taken from :	EN 1995-1-1	EN 1995-1-1	EN 1995-1-1
Biological durability	Service Class	EN 335	1	1	1
Content of PCP	ppm	EN 13986-5.18	<5	<5	<5

Informative Characteristic	Unit	Reference	Thickness range (mm)		
			>10-13	>13-20	>20-25
Formaldehyde content	mg/100g	EN 120		< 8 mg/100g DS	

Version date :
6/05/2019

Lode De Boe,
President UNILIN bvba, division panels

