DECLARATION OF PERFORMANCE (DOP)

N° DOP :	DDP GY-03 Versus 22 dated 19/12/2022
Identification code	EN 636-3
Type number :	MULTIGROOVE
Intented use :	For use in humid conditions
Manufacturer :	SAS ALLIN - Route de la Couarde - 79270 LE VANNEAU contact.allin@groupe-arbor.com - www.allin.fr
Evaluation and verification of system	CE 2+
The notified organism :	FCBA 0380
Performed :	initial inspection of the manufacturing facility and control of factory production and monitoring, evaluation and continuous assessment of control of factory production
Delivered :	the factory production control certificate : 0380 – CPR – N°213

Declared performances :

Essential characteristics	Performances																Spécification technique harmonisée
Epaisseur en mm	3	4	5	6	7	8	9	10	12	15	18	19	22	25	30	40	
Thickness in mm							9		12	15							
No of plies																	
Bonding quality	3																EN 13986 : 2004 + A1 : 2015
Density : Kg/m3	500																
Reaction to fire	E						D-s2,d0										
Release of formaldehyde	E1																
Strenght : N/mm²																	
- Bending // to faces							41,3		34,9	34,4							
- Bending ⊥ to faces							17,7		24,1	25,6							
- Tension // to faces							12,9		12,2	12,9							
- Tension ⊥ to faces							10,6		11,3	10,6							
- Compression // to faces							21,1		20,0	21,2							
- Compression ⊥to faces							17,4		18,5	17,3							
- Planar shear // to faces							1,4		1,4	1,4							
- Planar shear to faces							1,4		1,4	1,4							
- Panel shear							6,2		6,2	6,2							
Elasticity : N/mm²																	
- Bending // to faces							6 480		5 470	5 310							
- Bending ⊥ to faces							2 760		3 770	3 930							
- Tension // to faces							5 070		4 800	5 080							
- Tension ⊥ to faces							4 170		4 440	4 160							
- Compression // to faces							5 070		4 800	5 080							
- Compression ⊥ to faces							4 170		4 440	4 160							
- Planar shear // to faces							70		70	70							
- Planar shear to faces							70		70	70							
- Panel shear							430		430	430							
Punching shear resistance	NPD																
Impact resistance	NPD																
Water vapour permeability (μ) - wet cup	45																
- dry cup	180																
Sound absorption [250-500] Hz	0,1																
Sound absorption [1000-2000] Hz	0,3																
Thermal conductivity (W/m.K)	0,13																
Release of pentachlorophenol (ppm)	< 5																

The performance of the product identified is in accordance with the declared performance

This declaration of performance is issued under the sole responsibility of the manufacturer identified above

Signed on the behalf of the manufacturer by : J. ROUSSEAU Quality manager The : 19/12/2022 In : Le Vanneau