

DECLARATION OF PERFORMANCE (DOP)

N° DOP : DDP GY-06 Versus 22 dated 20/12/2022
 Identification code : EN 636-3
 Type number : PAINTPANEL
 Intended use : For use in damp 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			
Thickness in mm										10	12	15	18							
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										33,8	27,6	28,7	26,2							
- Bending ⊥ to faces										22,6	27,9	24,9	28,5							
- Tension // to faces										8,9	7,4	8,8	8,7							
- Tension ⊥ to faces										10,7	12,0	10,6	10,6							
- Compression // to faces										14,5	12,1	14,4	14,2							
- Compression ⊥ to faces										17,5	19,6	17,4	17,3							
- Planar shear // to faces										1,3	1,3	1,3	1,3							
- Planar shear to faces										1,3	1,3	1,3	1,3							
- Panel shear										5,7	5,7	5,7	5,6							
Elasticity : N/mm²																				
- Bending // to faces										5 300	4 330	4 730	4 110							
- Bending ⊥ to faces										3 540	4 370	3 980	4 470							
- Tension // to faces										3 880	3 230	3 830	3 790							
- Tension ⊥ to faces										4 660	5 230	4 640	4 620							
- Compression // to faces										3 880	3 230	3 830	3 790							
- Compression ⊥ to faces										4 660	5 230	4 640	4 620							
- Planar shear // to faces										63	63	63	63							
- Planar shear to faces										67	66	66	65							
- Panel shear										390	390	390	390							
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 : 20/12/2022 In : Le Vanneau

