

CHARACTERISTICS				
Description		Aluminium Composite Panel 3mm, black centre 1 or 2 side printable		
Test issue		Unit	Value	Test Method
Dimensions Deviation	Length	mm	± 3	Panel Size Inspection
	Width	mm	± 2	
	Panel Thickness	mm	± 0.1	
	Diagonals Windage	mm	≤ 2	DIN 16927
	Panel Weight (Average)	Kgs/SQM	4.50	—
	Flatness	mm	≤ 2	—
Aluminium Coil	Aluminium Type	—	AA1100 Both Sides	—
	Aluminium Thickness	mm	0.18	—
	Coating Thickness	µm	16 to 18	—
Colour White		L91.74 A-1.16 B-0.04	≤ Δ 1	—
Whitness Level		—	80.6 ± 3%	ASTM E313
Gloss Level		Gloss	80% ± 4	ASTM D2457 / D523
		Matt	30% ± 2	
Print Cross Hatch Test (UV)		—	0	ISO 2409
Release Liner Peel Test		N/Sq cm	0.14 to 0.20	ASTM D3330
Pencil Hardness Lacquer		—	H4 to H5	ASTM D3363
Flexibility		T	≤ 3T	—
Tensile Flex Test	Length	N/mm <sup>2</sup>	tba	ASTM D790
	Width	N/mm <sup>2</sup>	tba	
Impact Resistance		Kg.cm	≥ 30	—
180° Peel Strength	Average	N/mm	≥ 4.0	—
	Min	N/mm	≥ 3.0	—

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