

Technical Data Sheet

Aluminum composite boards

Stock Code	RWACP3 - 1220x2440
DESCRIPTION	Aluminum skin on two sides of the recycled thermoplastic core. Side panels are compromised of a recycled thermoplastic core sandwiched between two sheets of finished aluminum. Able to digitally print directly onto the panel.
SUIT FOR:	Flat bed printing

Specification Data

ITEM	DESCRIPTION
Surface conditions	Smooth, clean
Panel Flatness	Max 5mm
Surface tension	38 dyne and above
Paint Gloss	30-40 degree
Printers type	UV Flatbed printers
Printers Brand	AGFA, OCE
Ink type	UV Inks

Mill Certificate

Aluminum Grade	Surface finish	Dimension (mm)	Chemical Composition								
			Al	Si	Fe	Cu	Mn	Mg	Ni	Zn	Ti
AA1100 H18	Mill Finish	2*0.08	99.2831	.0728	0.5169	0.0683	0.0087	0.0076	0.0024	0.0074	0.0189
		2*0.10	99.2831	.0728	0.5169	0.0683	0.0087	0.0076	0.0024	0.0074	0.0189

Mechanical properties

Surface pencil hardness	Shearing strength	Penetrating Resistance	Boiling water Resistance	Heat distortion temperature
≥HB	≥22/0MPa	≥7.0KN	No abnormality	≥95°C
Plastic core	65% LDPE, 33% Caco ³ , 2% other			

Note:

All above information shall only be used as a guide; buyer shall independently test and determine product suitability. All technical data is subject to change without prior notice.

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