

Technical specification sheet

Ball & Doggett

ballanddoggett.com.au

Product: Imperial Plus Coated Matt



Category: Sign, Display & Digital - Aqueous

Technical specifications:

Parameters		90gsm	120gsm	170gsm	230gsm
Weight DIN EN ISO 536	g/m	96 +/- 7	116 ±7	165 ±7	226 ±7
Thickness DIN EN ISO 537	um	127 +/- 8	148 ±8	200 ±8	265 ±8
	mil	5.0 +/- 0.3	5.8 ±0.3	7.9 ±0.3	10.4 ±0.3
Colour Elrepho UVO (D65) ISO 2469	L	95.8 ±1.0	95.8 ±1.0	95.8 ±1.0	95.8 ±1.0
	a	-0.2 ±0.5	-0.2 ±0.5	-0.2 ±0.5	-0.2 ±0.5
	b	-1.2 ±1.0	-1.2 ±1.0	-1.2 ±1.0	-1.2 ±1.0
	Delta B	12.3 ±0.8	12.3 ±0.8	12.3 ±0.8	12.3 ±0.8
CIE Whiteness (D65/10°) Min ISO 2469		>145	>145	>150	>140
Opacity min. ISO 2469	%	>87	>86	>95	>95

Useful Tips

Store material only in original packaging under normal climatic conditions (23 deg. 50% RH). Protect material from direct sunlight. It is recommended to adapt the material to indoor climate at least 24hours before usage.

Conversion⁺

- | | |
|--|---|
| ☐ Flat bed cutters | ☐ Cold overlaminating |
| ☐ Friction bed cutters | ☒ Aqueous (dye & pigment) |
| ☐ Die cutters | ☐ Latex |
| ☐ Thermal transfer screen | ☐ Solvent |
| ☐ Screen printing | ☐ Eco Solvent |
| ☐ Printing offset | ☐ UV Ink jet |

⁺Always test with your combination of printer and inks prior to commercial use

Roll Sizes

914mm x 12m, 90gsm	126642	1270mm x 30m, 170gsm	128483
610mm x 35m, 120gsm	126631	610mm x 30m, 230gsm	126639
1067mm x 35m, 120gsm	126629	1067mm x 30m, 230gsm	126640
1270mm x 35m, 135gsm	126633		
914mm x 30m, 170gsm	132989		

Common Applications

Photo Retail	Sign & Display Graphics
Presentations	POS Signage
Proposals	Exhibition Graphics
Newsletters	Commercial posters