

# Technical specification sheet

Ball & Doggett  
ballanddoggett.com.au

**Product:** D Board Outdoor

**Category:** Sign, Display & Digital - Screen Printing & UV Inkjet

## Technical specifications:

D Board Outdoor Board is an Australian made board with moisture resistance fibers, allowing structural outdoor integrity in all outdoor environments for up to 12 weeks; suitable for indoor and outdoor use. 100% recyclable, made from fibre based material.

### Structure

- 3 ply board structure - 1.2mm
- 4 ply board structure - 2mm
- Double coated face film
- White two sided with a brown center

### Wet Tearing Resistance

- Tested to be sitting in water without deteriorating
- D Board Outdoor resists tearing even when totally soaked
- Gives confidence to both the consumer and manufacturer

### Outdoor Durability

- Outdoor Durability of up to 12 weeks - 1.25mm
- Outdoor Durability of up to 18 weeks - 2mm

### Printability

- Suitable for UV Inkjet and Screen Printing

### Specifications

Thickness	Grammage	Bending Resistance L & W (15°)		Bursting Strength		Tear L & W		Wet Tear L & W		Moisture (130°)
µm	gsm	MD mN	CD mN	kPa	MD mN	CD mN	MD mN	CD mN	%	
1250	940	1,123	538	1,220	7,100	8,200	5,000	5,800	6.5 - 10.5	
2000	2000	612	287	1,120	5,600	6,500	3,900	4,500	6.5 - 10.5	

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continued.

## Printing Surface Properties

IGT Blister Velocity (medium viscosity oil)	1.2m/s
IGT Pick Velocity (medium viscosity oil)	1.2m/s
ISO Brightness	77%
PPS Roughness (10kgf)	2.1µm

## Other Properties

Scott Plybond	175J/m <sup>2</sup>
Cobb (30min) - Top Liner	100gsm

- Back Liner 100gsm

## Tolerances

Thickness	±25µm
Grammage	±5%
Bending Resistance	-20%
ISO Brightness	-2 brightness units
PPS Roughness (10kgf)	+1.1µm
Scott Plybond	-20%
Cobb (30min) - Top Liner	+50gsm
- Back Liner	+20gsm
Wet/Dry Tear	-20%
IGT Pick/Blister	≥0.6m/s

## Stock available

182819 D Board Outdoor, 1220 x 2440mm 1250ums / 1.2mm

182820 D Board Outdoor, 1220 x 2440mm 2000ums / 2.0mm

## Applications

- Advertisements on bollard
- Display and exhibition banners
- Posters / Signage
- POS Display & Signage
- Short term outdoor applications
- In-store display

