

# Technical Fact Sheet



## Ace Outdoor

Ace Outdoor is a 100% fibre based display board designed for short-term applications in outdoor or moisture sensitive environments.



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## Features

- Recyclable & biodegradable
- Sustainable and easy disposable alternative to PVC, polystyrene and polypropylene boards
- Suitable for up to 12 weeks depending on environmental conditions
- No plastic or PE coating
- Recycled content in 1.25mm and above
- FSC® certified (licensed code FSC® C010628)

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## Application Text

- Hanging signs
- Header cards
- Mounting board
- Wet area signage
- Bollards
- Outdoor and Internal signage
- Standees
- POS display
- Directional signage
- Election signage
- A Frames
- Aisle Fins

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## Important Note

All statements, technical information and recommendation are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties of merchantability and fitness for the purpose: Sellers and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith.

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## Storage

The material must be stored at a temperature of 22°C +/- 2°C and 50% +/- 5% of relative humidity. Do not expose to direct sunlight. The area must be dry and clean. Please keep the material in the original packaging when not used in order to protect it from dust and contaminations.

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## Print Process

- Suitable for UV curable inkjet printing and offset printing (in thinner gauges)

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## Size Availability

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## Printing Tips

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## **PRINTING**

- Offset printing (410gsm/520mic and 570gsm/900mic)
- Screen printing
- Large format digital printing

## **CONVERSION**

- Embossing
- Foil and film lamination
- Varnishing
- Die cutting
- Creasing
- Perforating
- Cutting and scoring

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## Technical Data

SUBSTANCE	THICKNESS		BENDING RESISTANCE		BENDING MOMENT	
	mm	$\mu\text{m}$	L&W 15° mN	CD	Taber 15° mNm	CD
g/m <sup>2</sup>			pt MD		MD	
570 <sup>1</sup>	0.9	900 <sup>1</sup>	36 2475	1170	120	57
840	1.25	1250	49 2350 <sup>2</sup>	1050 <sup>2</sup>	*	*
1000	1.5	1500	59 *	*	*	*

<sup>1</sup>suitable for direct food contact

<sup>2</sup>L&W 5° mN

\*values cannot be measured

### Tolerances / Testing Standards

Grammage (DIN ISO 536) $\pm$ 10%

Thickness (DIN ISO 534) $\pm$ 10%

Bending stiffness (ISO 5629) $\pm$ 20%

### Printing Surface Properties

D65 Brightness TS (ISO 2470-2)80%

Surface smoothness (PPS) (ISO 8791-4)2.3 $\mu\text{m}$