beautiful
LARGE FORMAT PRINT

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MATERIAL DATASHEET · RIGID BOARDS

Dibond Standard 3mm

Our standard aluminium composite panel: white on both sides, stiff, flat and printed direct for a crisp finish.

Ref AL-ACM-208
Issue November 2026

THICKNESS	FACES	FIRE RATING	ONE PIECE
3mm	**White / white**	**C-s1, d0**	**3020 x 1470mm**
0.20mm aluminium skins	Matt, RAL 9016	EN 13501-1	Full 3050 x 1500 sheet if exact

ABOUT THIS MATERIAL

Two 0.20mm aluminium skins on a solid polyethylene core: stiff, flat and hard to dent, with a matt white UV-print face on both sides. The panel for close-up signs, wall panels, double-sided and long-term work.

GOOD FOR

- Wall panels and fascia signs
- Double-sided and freestanding signs
- Long-term indoor and outdoor signage

TECHNICAL PROPERTIES

Construction	**Aluminium composite: two aluminium skins on a polyethylene core**
Panel thickness	**3mm (±0.2mm)**
Aluminium skins	**0.20mm (±0.02mm), 3000-series alloy**
Core	**Black polyethylene, part recycled**
Surface	**Digital matt white for UV printing, RAL 9016**
Weight	**About 4.2 kg/m²**

HOW WE PRINT AND FINISH IT

PRINT METHOD	FINISHING	LARGEST ONE PIECE	USE
UV printed direct, in-house	**Digitally cut: square, radius, circle or custom**	**3020 x 1470mm; full 3050 x 1500 sheet if ordered exactly**	**Indoor and outdoor; laminate optional**

FIRE PERFORMANCE

C-s1, d0

Reaction to fire, EN 13501-1:2007+A1:2009

Some venues and hoardings ask for B-s1, d0 or better, so download the report for them.

Fire test report (PDF)

Smoke	**s1, the lowest smoke class**
Flaming droplets	**d0, none**
Test report	**SGS GZIN1812062979CM, 17 December 2018**
Panel tested	**Same panel range, 3mm**

Typical values. Figures come from the manufacturer's data and can vary slightly between batches. If your venue needs something specific, ask us before you order and we'll check it for you.

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