beautiful
LARGE FORMAT PRINT

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MATERIAL DATASHEET · RIGID BOARDS

Dibond Hoarding Grade 3mm

A lighter, more economical aluminium composite panel with a grey back, for site hoardings, temporary signs and big runs.

Ref AL-ACM-158
Issue November 2026

THICKNESS	FACES	FIRE RATING	ONE PIECE
3mm	**White / grey**	**C-s1, d0**	**2410 x 1190mm**
0.15mm aluminium skins	Matt white print face	EN 13501-1	Full 2440 x 1220 sheet if exact

ABOUT THIS MATERIAL

Two thinner 0.15mm skins on a solid polyethylene core, white print face and grey back. Lighter and cheaper, for jobs where nobody sees the back: site hoardings, temporary signs and big runs.

GOOD FOR

- Construction site hoardings
- Temporary and event signage
- Large runs on a budget

TECHNICAL PROPERTIES

Construction	**Aluminium composite: two aluminium skins on a polyethylene core**
Panel thickness	**3mm (±0.2mm)**
Aluminium skins	**0.15mm (±0.02mm), 1000-series alloy**
Core	**Black polyethylene, part recycled**
Surface	**Digital matt white for UV printing, RAL 9016; grey reverse**
Weight	**About 4.0 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**	**2410 x 1190mm; full 2440 x 1220 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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