



**Black Aluminum Composite Panel (ACP),
4 ft x 8 ft, 4mm Thickness, 0.18mm
Aluminum Skin**

- 4 ft x 8 ft panel format for large-format signage and cladding
- 4mm total panel thickness with 0.18mm aluminum skin layers
- Aluminum skins bonded to a polyethylene composite core
- Black finish ready for direct use without additional coating
- 1 year manufacturer warranty
- 50,000 hour rated service life

OVERVIEW

The B-GB4-B is a black aluminum composite panel (ACP) measuring 4 ft x 8 ft with a 4mm total thickness and 0.18mm aluminum skin layers bonded to a polyethylene core. This panel format is commonly used in commercial signage, architectural cladding, and fabricated sign cabinet construction where a lightweight, rigid, and paintable substrate is required.

The panel features an aluminum-bond construction designated as Alum-Bond, combining the structural rigidity of aluminum skins with the reduced weight of a composite core. The black finish makes it suitable for direct use in sign faces, trim, and framing applications without additional surface treatment.

The panel carries a 1 year warranty and a 50,000 hour rated service life.

SPECIFICATIONS

OPTICAL

LED Lifetime 50,000 h

MECHANICAL

Product Dimensions 4 ft x 8 ft x 4mm

Finish Black

Material Aluminum skin over polyethylene composite core

ORDERING

Warranty 1 y

APPLICATIONS

- Commercial sign faces
- Architectural building cladding
- Fabricated sign cabinet construction
- Interior and exterior trim and framing

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
led_lifetime_h	50,000 h	db	high
product_dimensions	4 ft x 8 ft x 4mm	pdf	high
finish	Black	pdf	high
material	Aluminum skin over polyethylene composite core	pdf	high
warranty_years	1 y	db	high

Specifications subject to change without notice.