



## CBOND ALUMINUM COMPOSITE PANELS

CBOND Aluminum Composite Panels (ACP) are a lightweight product made of two sheets of painted aluminum with a solid polyethylene core. Designed primarily for either short or long-term outdoor use, they are weather and rust-resistant. Aluminum Composite Panels are quite flexible and can be shaped or curved. The coated surface can be printed on directly using digital flat-bed printers and the panels can be supplied in a wide range of standard colours and finishes including brushed metallic and mirror. Special colours with accurate matching can be supplied by request.

Standard ACP sheets are coated with a PE based finish while construction grade ACP sheets have a special PVDF finish for longer durability.

Typical applications include the following signs for:

- Car dealerships
- Real estate
- Direction Signage
- Car parks
- Service
- Restaurants
- Exhibition stands
- Directional and informational
- Hoarding
- Industrial cladding
- Project signs
- Traffic signs

Special B1 class sheets can be supplied upon request.

Cgate holds both CE and UL certificates, including the highest of UL Components standards

Cgate's brand name for ACP is Cbond





Composite Aluminum Panels	Material ID	Thickness (mm)	Skin Thickness (mm)	Comments
	ALSL02-15	2	0.15	Cbond Lite, single or both sides colour
	ALS02-20	2	0.20	Single or both sides colour
	ALS02-30	2	0.30	Single or both sides colour
	ALSL03-12	3	0.12	Cbond Lite, Single or both sides colour
	ALSL03-15	3	0.15	Cbond Lite, Single or both sides colour
	ALS03-20 *	3	0.20	Single or both sides colour
	ALS03-30 *	3	0.30	Single or both sides colour
	ALSL04-15	4	0.15	Cbond Lite, Single or both sides colour
	ALS04-20 *	4	0.20	Single or both sides colour
	ALS04-30 *	4	0.30	Single or both sides colour
	ALS06-20 *	6	0.20	Single or both sides colour
	ALS06-30 *	6	0.30	Single or both sides colour
	ALSB03-21	3	0.21	Brushed Metallic Finish (Gold or Silver), single or both sides
	ALSB03-30	3	0.3	Brushed metallic finish Single or both sides

All panels using Polyester paint can be ordered in any RAL colour code, including metallic colours. Optional matt or gloss surface. Cbond Lite is matt only. \* Width available up to 2m

Digital Printing Aluminum Composite Panels	Material ID	Thickness (mm)	Skin Thickness (mm)	Comments
	ALS03-20-DP *	3	0.20	Single or both sides colour
	ALS03-30-DP *	3	0.30	Single or both sides colour

Digital Printing Composite Panels with special coating and film for high quality digital printing. Panels are available also with thicknesses of 2 and 4 mm

\* Width available up to 2m

Aluminum Composite Panels (PVDF Coating)	Material ID	Thickness (mm)	Skin Thickness (mm)	Comments
	ALS03-30-PV *	3	0.3	One side colour
	ALS04-30-PV *	4	0.3	One side colour
	ALS04-40-PV *	4	0.4	One side colour
	ALS05-40-PV *	5	0.4	One side colour
	ALS05-50-PV *	5	0.5	One side colour

All panels using PVDF paint can be ordered in any RAL colour code, including metallic colours. Optional matt or semi-gloss surface.

\* Width available up to 2m

## Processing Methods

