



DYE-SUBLIMATION





OUR HISTORY

Since our inception in 1945, Cowan Graphics Inc has become one of the largest digital and screen printing companies in Canada. Our head office in Edmonton, Alberta, Canada, boasts a 150,000 sq ft state of the art facility. With an in-house graphics design team, cutting edge digital & screen print equipment, a fabrication shop and an extensive finishing & quality control department, we are well-positioned to lead the Alberta Graphic and Screen Printing industry in both R & D and new product development.

Operating out of Edmonton, Calgary, and Saskatoon, Cowan Graphics delivers the goods to multiple markets; small, medium and large with an extensive offering of corporate branding services such as; Decals, Fleet Graphics, Architectural Signage, Retail Signage, Promotional Products.

We work closely with our manufacturer partners to ensure that new development in raw materials comply with our strict quality requirements and expectations prior to introducing them into the marketplace. Meeting and exceeding expectations in quality, service and delivery is our commitment to you, our valued customer.

QUALITY GRAPHICS
WITHOUT COMPROMISE!





DYE-SUBLIMATION

The image (up to 48" x 96") is first printed onto a transfer paper via inkjet technology. Then, the paper is adhered to a sheet of pre-treated aluminum. Finally, it is put into a heat press where the temperatures reach between 350-400 degrees. While being subjected to extreme heat and pressure, the dyes from the transfer paper turn into a gas, are pressed into the surface of the metal, and then solidify into the treated aluminum. This is where the sublimation heat transfer occurs. Once out of the press, the aluminum cools and the process is complete. There is no additional coatings or laminates applied after. As the dyes cool, they are permanently infused beneath the surface of the metal substrate.

SCRATCH RESISTANT

Dyes are infused beneath the exterior coating through sublimation. This makes it more durable than traditional paper and canvas imaging because it can't be scratched or peeled off the surface.

RESISTANT TO CHEMICALS & BACTERIA

Proprietary coatings utilized on all Duraluxe print media provide a surface resistant to all forms of chemicals, bacteria, contaminants, and pathogens.

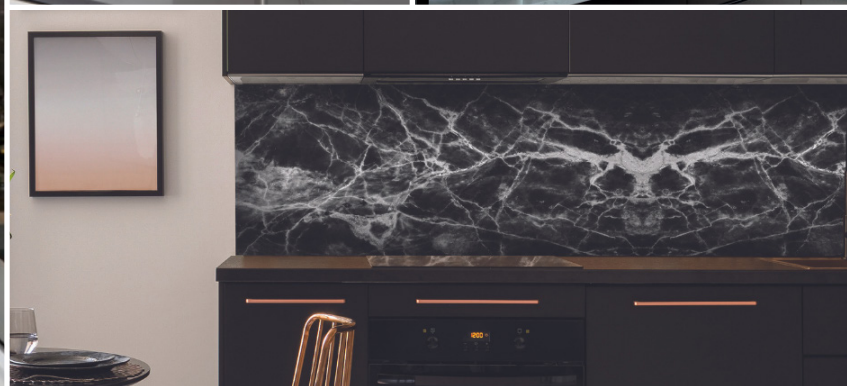
FIRE RETARDANT

Sublimated aluminum holds up against high heat. Necessary for artwork hung in specific corporate and public environments which meet today's fire-rated standards.

- High grade powder coated aluminum
- 1.2mm/0.047" thick aluminum
- Cuttable with shear and CNC router
- Bendable and drillable after sublimation
- Available in 8 finishes
- Environmentally friendly-NoVOC
- 6 mils coated panels
- Interior and exterior use
- Fire Retardant
- Available in single and double side coated panels

BACKSPLASH





SHOWER WALLS





INTERIOR DESIGN





PHOTOGRAPHY





QUALITY GRAPHICS WITHOUT COMPROMISE!

FLEET • DISPLAY
RETAIL • WAYFINDING
CONSTRUCTION • ARCHITECTURAL
PROMOTIONAL • EVENTS

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