



1

1
Enterprise Rent-A-Car

2
Owensville
Elementary School



THE **IMAGE** LINE

Architectural Aluminum
Composite Cladding

Image WetSeal™
Image RainScreen™
Image Gasket™
Image Two-Piece Reveal Extrusion™

For Landmarks in the Making



2

How do you make a great first impression?
Put one of the world's best-known aluminum composite materials
and a fabricator of true expertise on your team.

Image Building Products
specializes in the fabrication of
Reynobond® aluminum composite panel systems.
With Image and Reynobond®,
your visions turn into
lasting impressions.

Build with Image...Create a Landmark.



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Build with Image...Create a Landmark.



Make Your Next Design a Landmark

Some buildings are designed for distinguished addresses... others are designed so distinctively that their addresses become landmarks.

Image Building Products is focused on making your next project a landmark success.

Specializing in the fabrication of aluminum composite panel systems, Image Building Products applies years of expertise and a drive for perfection to every project. Our experienced designers, working closely with our skilled, union craftsmen, ensure timely and smooth turnarounds. Whether your job involves hundreds – or thousands – of square feet of material, rest assured that our commitment to quality processes will result in the precise fulfillment of your specifications.

From the design desk to the job site, Image Building Products is your single-source supplier for:

- Materials provision
- Engineering design
- Technical consultation
- Fabrication, using state-of-the-art equipment
- Installation with our proven systems
 - Image WetSeal™
 - Image RainScreen™
 - Image Gasket™
 - Image Two-Piece Reveal Extrusion™

A History of Helping Architects, Developers, General Contractors, and Building Owners/Managers Succeed...

Image Building Products was established with the acquisition of the Aluminum Composite Panel Division of Industrial Sheet Metal Erectors, Inc., a leading architectural sheet metal contractor in metro St. Louis since 1972. We are pleased to continue the exceptional service given by Industrial Sheet Metal Erectors.

Image Building Products is a dedicated member of Sheet Metal and Air Conditioning Contractors' National Association (SMACNA) and a proud signatory to Sheet Metal Workers Local Union 36 (St. Louis).

1, 2, 3
Newbold BMW

4, 5, 6
St. John's Mercy
Heart Hospital

Reynobond® by Alcoa... The Look of a Landmark

For unrivaled first impressions, our material of choice is Alcoa Reynobond® Aluminum Composite Material, known worldwide for its consistently high performance in a wide range of exterior and interior applications.

Reynobond's strength derives from its composite construction: An extruded thermoplastic core permanently bonded between two sheets of corrosion-resistant aluminum (other natural metals also available). Its surface is extraordinarily flat and smooth and resists dimpling, buckling, and oil canning.

Its formability and weight allow for designs that are not feasible with other materials. From the sharpest angles to sweeping curves, Reynobond® is easily and precisely formed into dynamic shapes. And Reynobond's light weight makes it effective in a variety of design applications, from cladding to canopies and corporate identity.

With a virtually limitless range of hues, Reynobond® can stand out on the urbanscape or blend in with the neighborhood. These high-performance coatings ensure consistent and long-lasting color and gloss retention, enhancing the cosmetic appeal, and ultimately, the value of your project.



Image Building Products offers four exterior installation systems for Reynobond® aluminum composite panels. The combination of superior material, our state-of-the-art fabrication equipment, and the skilled craftsmanship of Sheet Metal Workers Local Union 36 (St. Louis) ensures the precision and quality of all Image systems.

From new construction to a retrofit, we're ready to provide a variety of applications... cladding, column covers, soffits, fascia, parapets, trim, accents, cornices, interior walls, and beam wraps.



1

Image WetSeal® Route & Return System

The Image WetSeal® Route & Return System is distinguished by a 5/8 in. weather-tight caulk joint. Male/female continuous extrusions at the panel's perimeter accommodate thermal movement of the panel. This system provides architects and contractors with an efficient, affordable way to incorporate aluminum composite panels into the building design.



2



4

Image RainScreen® System

The Image RainScreen® is a pressure-equalized panel system that eliminates visible caulking or gaskets. The system provides a 1/2 in. wide x 1 in. deep reveal at the panel joints. Reveal strips can match the main panels or provide alternate colors for a defined joint. The substrate to the panel system must utilize Tyvek® Commercial Wrap® or an equal weather barrier to support the performance of the Image RainScreen® System.

1, 2, 3, 4
Southeast Missouri
State University

Image Two-Piece Reveal Extrusion® System

The Image Two-Piece Reveal Extrusion® offers an economical alternative to the Image WetSeal® and Image RainScreen® systems. This system utilizes either a custom color or matching aluminum-extruded reveal. The Image Two-Piece Reveal Extrusion® must be installed over a minimum of 5/8 in. plywood and Tyvek® Commercial Wrap® or an equal weather barrier.



3

Image Gasket® System

The Image Gasket® System provides a 5/8 in. weather-tight gasket joint. Male/female continuous extrusions at the panel's perimeter accommodate thermal movement of the panel. Black silicone gaskets produce clean, consistent joints.

Performance Specifications



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Image Building Products enables the realization of your most imaginative designs – all with the confidence that comes from our adherence to strict quality and process standards. With advanced materials and experienced designers, no project is too complex – or too routine – for Image Building Products to handle. *Whatever you envision, we can help make it a landmark.*



3

- 1, 2 Jim Butler Chevrolet
- 3 St. John's Mercy Heart Hospital
- 4 Plaza Motors
- 5 City Place 6



5



8

- 6, 7 Dr. William E. Mason – Douglas W. Clark Middle School

- 8 St. Clair County Regional Office of Education

Image Building Products designs and fabricates Image WetSeal[®] and Image RainScreen[®] Aluminum Composite Panel Systems. Both Image systems have been ASTM-tested and proven to meet the following rigorous specifications:

Static Air Infiltration (ASTM E 283) at 6.24 PSF (50.0 MPH wind and 1.2" H2O). Air infiltration shall not exceed .06 CFM per square foot of specimen.

Static Water Infiltration (ASTM E 331) at 15.0 PSF (77 MPH wind and 2.88" H2O) with a water spray rate of five (5) gallons per hour per square foot minimum for fifteen (15) minutes. No uncontrolled water leakage shall be allowed.

Dynamic Water Infiltration (AAMA 501.1-83) at 100 MPH slip stream velocity creating a pressure on the face of the panel equivalent to 15 PSF and 77 MPH wind. Water shall be applied at a rate of five (5) gallons per hour per square foot minimum for fifteen (15) minutes. No uncontrolled water infiltration to the room side shall be allowed.

Structural Proof Load (ASTM E 330) Held for ten (10) seconds duration for both 75% and 150% loads.

- +30.0 PSF (75% Positive Design Load) to remove slack.
- +60.0 PSF (150% Positive Design Load)
- 30.0 PSF (75% Negative Design Load) to remove slack.
- 60.0 PSF (150% Negative Design Load)

Permanent deformation of framing members shall not exceed L/1000 of span or failure of the panel.



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