Abrams Architectural Metals Listing and Detail Guide
Quality Fabrication and Installation That Will Exceed Your Expectations

Product Listing Guide

- Aluminum Composite Panels
- Aluminum Plate Panels
- Metal Wall Panel Systems
- Insulated Wall Panel Systems
- Sun Control Devices
- Custom Metal Fabrication
- Column Covers
- Glass Products
- Balanced Doors
- System Overviews

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Composite & Plate Aluminum Panel Systems

Aluminum composite and aluminum plate panel systems add a refined and custom look to projects at any and all levels. With color selections and installation details only limited by the imagination of the designer, Abrams Architectural Metals utilizes these tried, tested, and true systems that are an integral component to the exterior building envelope used in today’s challenging and competitive construction environment.

Aluminum composite and aluminum plate panel systems provide an extremely flat, high tech image. Whether they are the primary cladding choice or act as accent elements, these products not only offer long term durability but enhance the overall appearance of buildings.

Aluminum composite and aluminum plate panel systems offer many finishes from PVDF, FEVE, siliconized polyesters, and clear anodized. Aluminum plate systems can range from .080 to .0125 inch thick aluminum that can be painted to almost any color imaginable. Prefinished aluminum and coil coating offers high performance and maintenance durability with a finish warranty of up to 30 years in some cases. Natural metals such as zinc and copper are quite commonly used. Natural finishes like wood, granite, and stone offer a new twist on an old spin.

Either of these systems are specifically engineered to install with traditional rout and return wet seal joints or today’s demanding rainscreen dry joint detail. Radius panels and column covers are achieved with roll forming equipment for precise fitment for today’s state-of-the art architectural designs.

Abrams Architectural Metals offer a complete line of architectural metal and composite panel products. With in-house design and engineering, we will meet or exceed the most stringent specifications.

Throughout the process of bidding, submitting, field dimensioning, fabricating, and installation; these products offer owners, architect, and general contractors the look they demand for a price they can afford.

**System Options**
- Wet Seal / Rainscreen / Extruded Moldings

**Finish Options**
- High performance coil coatings / clear anodized
- Natural Metals

**Product Applications**
- Wall Cladding / Soffit Cladding / Fascias / Beam Wraps / Column Covers / Screen Walls / Glazing Infill

**Market Applications**
- Commercial Office / Automotive / Retail / Healthcare
- Schools & Universities / Corporate Identity / Banking
- Multistory Residential / Municipal / OEM Applications
Insulated Wall Panels
Horizontal/Vertical Wall Panels

Insulated Wall Panels add design options and thermal values that bring sustainability and enhance aesthetics to many projects. Factory foamed in place or laminated cores help reduce insulation gaps in wall construction and add thermal breaks within the panels system. With varieties of finish options; insulated metal panels are an ideal choice for larger industrial and architectural applications.

Today's challenges of delivering on time and on budget ring truer today than ever before. Insulated metal panels offer an opportunity for a single component installation versus a multi-layer system requiring separate insulating components that may produce gaps in insulating values. Factory assembly allows for a faster field installation compared to multi-step wall assemblies. Installation systems range from rubber gaskets, exposed battens, or traditional caulked joints.

Insulated panels offer LEED compliance and energy efficiency with a multitude of design options. Finishes that range from smooth, embossed, and striations can bring a high tech or traditional look. Coil coated finishes offer a wide range of finish colors and options.

Single Skin metal wall panels offer a more economical approach to cladding the building envelope. When factors such as insulating values and project duration are important, metal wall panels offer value in cost and time savings. With a multitude of profiles to fit any owner’s taste and architect’s dream, metal wall panels can make an impact in your building’s image.

Concealed fastening or exposed fastening systems offer value to not only new construction, but are ideal for renovations that may be limited by substructure requirements, as well as time and budget constraints.

Combined with custom sunshades and louvers by Abrams Architectural Metals, metal wall panel building envelopes will always offer style and an unsurpassed dollar value per square foot.

System Options
Single skin wall panels / foamed in place or laminated Insulation / steel or aluminum skins

Finish Options
High performance coil coatings / clear anodized Natural Metals / textured or smooth / striated

Product Applications
Wall Cladding / Soffit Cladding / Column Covers / Screen Walls

Market Applications
Commercial Office / Automotive / Retail / Healthcare Schools & Universities / Corporate Identity / Municipal

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Abrams Architectural Louvers are 100% custom designed to act as an architectural accent and provide protection from the elements of mother nature. Extruded aluminum, final assembly, and post painting in a variety of finishes enables Abrams to meet the most demanding requirements for louvers. Louvers are available in both horizontal and vertical configuration to add visually appealing aesthetics to functional necessity in controlling water, sound, or airflow. Our ability to custom fabricate louvers gives us an unrivaled advantage to ordering off the shelf products that may not either be designed or engineered to your project’s specifications.

Aluminum canopies are not only functional, but they add a distinctive appeal to a building’s appearance. Whether canopies are cladding a substructure or independently hung, they add shading and weather protection. Canopies are available in a wide variety of custom profiles and shapes. Materials can range from aluminum sheet, aluminum tubing, aluminum composite materials, to prefinished metal panels. Curved fascias, curved roofs, rod hangers, internal gutters, and custom colors only limit the product by imagination. Shopping centers, storefronts, parking garages, office building, entrance doors, and retail image are just a few of the applications that canopies can ideally be used.

Sunshades are custom fabricated at our facility in Austell, GA. They add a sleek modern look while reducing energy costs. Aluminum sunshades allow natural light in and keep heat out. All of Abrams Architectural Metals’ sun-shades are custom-built to design criteria. Lightweight aluminum design allows pre-assembly to the fullest extent at our facility. In-house design paves the way for individualizing sunshades for your project. The use of air-foil blades and tubing for the blades are combined with fascia profiles of round tubes, rectangular tubes, or any configuration desired to equal a multitude of possibilities. Outriggers and attachment methods are custom designed to leave the final appearance up to the design team.
Beginning with one simple phone call or email, Abrams Architectural Metals provides exceptional engineered specification requirements and/or design assistance. We can produce quality metal fabrication work from prototype to mass production quantities. We can fabricate virtually any metal component ranging from stainless steel, carbon steel, aluminum plate to natural metals including zinc, copper, and bronze.

We have an onsite AutoCAD staff that can take conceptual drawings to working documents for fabrication and installation. Personal contact and communication throughout the project process enables the designer or end user to work seamlessly with us to achieve a higher standard of product in the field. We can achieve this level of service by taking full responsibility in house from design to installation. Our metal fabricators have years of service to assist in design, as well as providing clear installation details.

At Abrams, we use custom, high-performance paint systems, prefinished metals, and anodizing. It is our goal to utilize designs from our unsurpassed design team to not only meet industry standards but to far exceed them. Our communication ability to adapt to changes throughout the project process gives the end user the flexibility to make either design or engineering changes without dramatically impacting the timeline or cost.

No matter how simple or complex your needs may be, Abrams Architectural Metals can establish and maintain a higher level of commitment and execution than our competitors. Let us realize your design concepts into reality, or exceed expectations of designs on the boards.
Panel installation is easy using Laminators’ durable 1-piece moldings. A traditional yet high-tech appearance is obtained at an affordable cost. Both “H” and “reveal H” moldings are available. Unique effects can be obtained by combining various installation systems.

Laminators has developed a unique Clip & Caulk system that greatly reduces the total installed cost for ACM panels. This easy, field-proven method is the choice of architects and installers who are looking for a very flat look without visible fasteners at the lowest installation cost. Panels can be cut on-site with few peripheral accessories needed for installation.

You get a sophisticated, high-tech look, with this installation system. Continuous extrusions replace traditional clips for a faster and easier installation. Excellent strength and a “deep-reveal” appearance are obtained for commercial and institutional installations. A system that has endured time and tradition keeps making it’s way as a solid cladding choice.

The Rainscreen Installation System features a “deep reveal” look without caulk at the joints. By installing Omega-Lite® panels with the rainscreen system, you will create a high-performance wall system that compartmentalizes the air cavity and allows for drainage and ventilation, reducing moisture-related issues within the wall cavity.