



METAL FABRICATION,  
DISTRIBUTION & FINISHING

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## A TRADITION OF SUCCESS

SAF is among the world's leading sources of aluminum finishing products and services. Since 1946, subcontractors, architects, design and building contractors, owners and other manufacturers have relied on SAF's materials expertise in: custom fabrication, coils, powder coatings, custom anodizing, paint finishes, pre-finished aluminum sheet, architectural extrusions and architectural roofing products.

SAF is the only service center with modern anodizing and painting facilities, a full-time fabrication center, in addition to a complete stock of sheet and extrusions. As a result, SAF is able to provide our customers with proven expertise, first-rate service and accountability – all under one roof.

2021 marks SAF's 75th anniversary – a significant milestone that we are proud of. As we have done from the start, we strive to provide the highest quality products, services and innovative solutions to our customers, that bring value to them every day. We thank you for your business and are proud to be your supplier of metal fabrications and finishes.

## THE SAF DIFFERENCE

SAF provides high quality finished and fabricated aluminum architectural products to the commercial construction industry. Through proven technical expertise and manufacturing flexibility, we maintain a consultative relationship with our customers, listening to their needs and providing the best solution.

We are committed to a quality product and believe that the path to great business practices is through mutually beneficial, cooperative relationships with customers, employees and suppliers. As we produce products that meet and exceed industry standards, we strive for a level of customer satisfaction second to none.

We strongly believe in caring for natural resources and for the safety and health of our employees. In addition to company resources, we believe that long lasting, high value products conserve the earth's resources since such products will not have to be replaced.

SAF complies with all federal, state and local environmental regulations. Quality at SAF is defined as conformance to customer expectations, with primary emphasis given to reducing variation.

## CUSTOM FABRICATION

SAF is celebrated for offering project management responsibility for metal, CAD, fabrication and finishing services under one roof. An SAF project manager is your liaison with CAD services, fabrication craftsmen and finishing experts to help you create a solution.

### Fabrication

#### CAPABILITIES

- Shearing
- Brake forming (up to 20' length)
- CNC punching and notching
- Rolling
- Sawing (including complex miter cuts)
- Welding (MIG, TIG, spot, stud and steel)
- Drilling and counter-sinking
- CNC routing and cutting
- Assembly

#### SERVICES

- Anodizing
- Painting (computerized custom color matching for KYNAR® and HYLAR® coatings)
- Powder coating (DURANAR®, AAMA2605 & KYNAR®)
- In-house shop and fabrication drawings

#### MATERIALS USED

- Aluminum, aluminum composite
- Stainless steel, galvanized steel
- Copper alloys

*"SAF has been great to deal with whether ordering flat stock or complete panel system. They are quick to respond, quick to manufacture, and provide overall great service. Great customer service and experience is reason why we continue to use SAF as communication is key attribute we value."*

*– Dean Nilson | Estimator  
Harbert Roofing Inc.*



## ALUMINUM EXTRUSION

As a world-class provider, we buy aluminum extrusions directly from primary mills, and inventory over 200 extruded shapes in close proximity to east coast and west coast anodizing lines, available for next-day shipment in a wide variety of anodized finishes. Painted finishes are also available in our 3-DAY-OUT program. With facilities on both west and east coasts, deliveries for extrusions are less than a week to anywhere in the U.S.

## ALUMINUM SHEET

SAF wholesales anodized, pre-painted and mill finished aluminum sheet. We are a master distributor of 5005 Anodized Quality (AQ) aluminum, with distributors of coil and sheet throughout North America. We offer an unequalled breadth of different thicknesses, widths and lengths. Customers can expect custom coated sheet orders turned around in days. For faster service, take advantage of SAF's NEXT-DAY-OUT sheet program for anodized and standard pre-finished sheets. SAF has the most advanced facility in the world for batch anodizing. With over 300,000 sq. ft. of aluminum preparation and processing areas, we are equipped to handle a variety of individual piece sizes up to 30 inches wide, 60 inches high, and 28 feet long.

SAF meets important needs of the building products market and commercial construction market, providing reliable delivery to our customers with unprecedented project control and flexibility.



## ANODIZING

SAF has been finishing aluminum for the construction industry since 1946. We have processed over two billion square feet of aluminum used on thousands of projects worldwide. This unparalleled experience in aluminum finishing means that SAF can provide the information you need to make an informed selection of the best finish for your project.

## SPECIFY WITH EASE

For many, specifying aluminum finishes is a difficult task. The SAFINISH Designation System simplifies the specifying process, while maintaining a quality of finish suitable for commercial properties. For detailed information about recommended applications of SAFINISH coatings, please visit our website at [www.saf.com/how-to-specify/safinish](http://www.saf.com/how-to-specify/safinish).

## SPECIFY FOR REPUTATION

Aluminum finishing is typically less than 1% of a project's cost, but can be 100% of its appearance. At SAF, we design our finishes to last and we stand behind our products.

Your reputation depends on the durability of the anodized finish that you specify. SAF anodizing consistently exceeds industry specifications. Specify AAMA 611 – Class I batch anodized aluminum for maximum life expectancy. Class I can be more than five times more corrosion resistant than typical distribution grade anodizing. AAMA 611 anodizing ensures enduring beauty.

For larger projects, color is controlled with microprocessor-based spectrophotometers for guaranteed minimum color variation. SAF can provide panels from primary mill certified coils of 5005 alloy for ultimate color quality and consistency. SAF Sales Engineers should be consulted early in the project design to ensure the needed stock can and will come from a single lot to ensure color uniformity.

## COIL ANODIZING

The advantages of coil anodizing stem from the careful use of automation and low labor costs. In one continuous operation, aluminum coils are pretreated, anodized and sealed to ASTM technical standards.

- 0.005 - .080 gauge, up to 49" coil widths
- Satin matte, embossed, perforated finishes
- Color anodizing—fade-resistant dyes
- Up to 66" O.D., 10,000 lbs. coil weight
- Slitting
- Cut-to-length
- ASTM, ANSI, AAMA testing capability

## CUSTOM PAINTING/POWDER COATING

SAF has been a major KYNAR 500 and HYLAR 5000 PVDF coatings applicator for nearly fifty years. Custom matches, in addition to 56 standard colors, are easy. Our paint facility is designed for flexibility, offering quick turnaround and mixed-color options.

All PVDF coatings are formulated to meet stringent AAMA 2605 standards. Their resistance to chalking, UV deterioration, weathering and chemical breakdown are unsurpassed by any other organic coating.

*KYNAR is a registered trademark of Arkema, Inc.*

*HYLAR is a registered trademark of Solvay Specialty Polymers, Inc.*

*DURANAR is a registered trademark of PPG Industries, Inc.*

*"We rely on SAF to provide us large volume flat sheet orders at a good price, with dependable quality and the best industry lead times. Their ability to quickly turn around custom painted and anodized orders is unmatched by their competitors. We have also had great success in using SAF for custom fabrication projects that required bending, welding, and post finishing. Thanks SAF for helping us deliver quality finish products to our customers."*

*– Ryan Ray  
Entrance Systems, Inc.*



*"My experience purchasing from SAF has been great. From estimation to delivery, the process is simplified. Primarily, I've purchased painted aluminum brake metal. The paint matching process is the fastest in the industry. The estimating department responds the same day and pricing is always competitive. The lead times are held and the material arrives safely in a quality built crate. The peace of mind when working with SAF is unmatched."*

*– Eric Gregoire | Project Manager  
Commercial Sales Division  
Lockheed Window Corp.*





## ARCHITECTURAL PANEL SYSTEMS FOR ANY PROJECT...

Wet seal or dry, SAF offers both aluminum metal panels and well-known, brand name ACM panel systems. Choose from a large selection of standard colors including metallic finishes, or an almost limitless array of factory-applied custom colors. SAF glazed and rain screen systems come with time-tested securing systems.

By using a pre-engineered system approach, SAF can quickly design and fabricate a panel and extrusion system that is easy to install, enabling smooth work flows on the job site.

- SAF Series 3000 Wet Sealed (Caulked) Systems
- SAF Series 4000 & 4500 "Dry" ACM Panel Systems - Rain Screens use gaskets, extrusions, painted metal strips, and combinations of these - typically when a reveal is desired
- SAF E Wall Panel System - sheared flat panels and an exterior extruded frame
- SAF Flat ACM Sheets, Panel Extrusions - cost-effective ACM and MCM sheets from all the major manufacturers



## ARCHITECTURAL COLUMN COVERS, OUR SPECIALTY

SAF Metal Fabrication is an experienced fabricator of metal and ACM column covers. We make it easy for specifiers and installers with our pre-engineered approach. Choose from a wide selection of material and finish options, including KYNAR painted aluminum, anodized aluminum, stainless steel (brushed, mirrored, patterned metals by Rimex), 4 mm and 6 mm aluminum composite material from Alpolc, Alucobond, Larson, and Reynobond. SAF also fabricates custom column covers including square, elliptical, and conical shape column covers.

- SAF 1000 Series (butt joint)
- SAF 2000 Series (reveal joint)



## SERIES 4200 RAIN SCREEN SYSTEM: THE ULTIMATE IN AESTHETICS AND PERFORMANCE

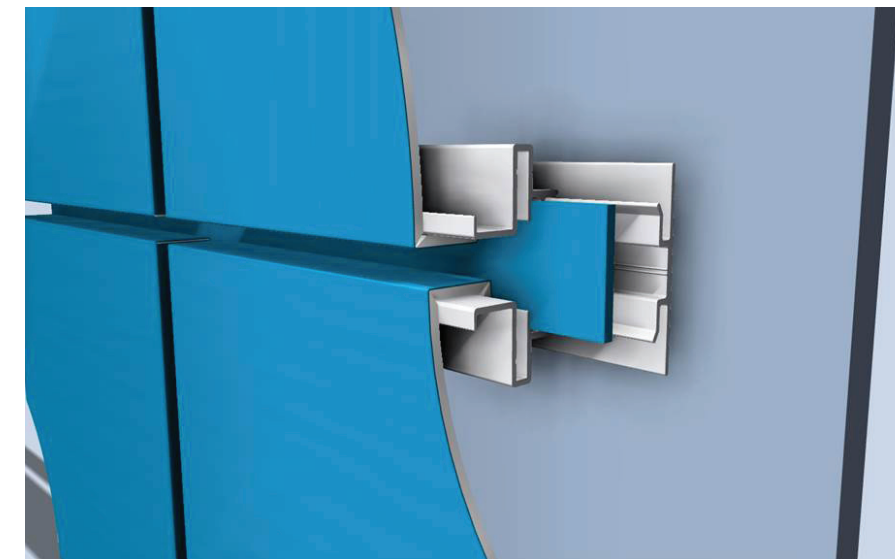
Designed to maximize aesthetic appeal, SAF Series 4200 Rain Screen ACM wall panel system is an architectural favorite.

With Series 4200, visible fasteners along panel edges are eliminated. Plus, as an open "dry" joint system, Series 4200 features an ACM strip located within the reveal, between panels, for a clean and uniform appearance.

With Series 4200, fabricators enjoy reduced assembly time from the elimination of secondary fastener drilling and countersinking. While installers benefit from the same installation methods they've already mastered.

As a drained and back-ventilated rain screen system, Series 4200 is engineered to drain water that penetrates behind the wall panels through weep holes located on panel frames.

Series 4200 ships with fabricated panels and "track" extrusions ready to assemble on a job site.



## CUSTOMER-DRIVEN INNOVATION

"Developing a system to meet customers desires and use current extrusions was a key requirement of Series 4200," explains Frank Buchholz, General Manager. "We are excited that we can continue to grow and develop new systems that we've built on our time-tested and proven wall panel extrusion system. We based Series 4200 on our current extrusion platform to ensure that SAF products consistently meet the AAMA 509 performance standard, and can utilize other SAF products such as Simple Fix replacement panel."

*"SAF is the only vendor I trust with custom, post-finished, heavy wall formed aluminum shapes. The product is always provided within tolerance and the finish is consistent, even when multiple releases are required. Their project management is capable and the production drawings they provide for approval are a great approach that streamlines the process and ensures accuracy."*

*- Derek J. Ristau | Vice President, Contract Division  
Flower City Glass*





## PRECISION MACHINING

SAF recently purchased and installed a state-of-the-art Mecal MC 305 Kosmos CNC Fabrication Machine in its Winston facility. The Kosmos is a 4-axis machining center that has the capability of machining extruded or fabricated metal parts up to 26 feet in length. The unique features of the machine include notching, countersink, tapping, and a system that measures tool height for precision machining. The machine includes an upgraded CAD Link Software allowing 3-dimensional parts constructed in AutoDesk Inventor to be transferred directly into the machine post-processor, saving time and eliminating potential programming errors.



Image: www.mecal.com

## AHEAD OF THE GAME

"Acquiring a Kosmos CNC machine will have a tremendous impact on the fabrication operation at SAF," explains Frank Buchholz, General Manager. "Parts that were difficult and time-consuming to fabricate are now easier, and customer requests that were impossible for SAF to manufacture competitively are orders that we can now produce."

*"The recent purchase of the CNC machining center opens up new market opportunities and services for current customers. They have been asking for extrusion fabrication capabilities for years. We can now competitively fabricate extrusions and finish in one facility"*

*- John B. McClatchey  
Vice-President of Marketing and Sales*

## ABOUT US

*Perimeter Systems, a division of SAF, designs and supplies both a Designer Series Gutter and Cornice Systems for the commercial and residential construction markets. We all win with a cleaner environment. SAF is committed to the environment for the long term. Our award winning work in reducing air emissions, wastewater, hazardous waste, solid waste and energy usage means dramatically cleaner operations as well as reduced operating costs. As a result, our customers reap the savings.*

## PERIMETER SYSTEMS: INNOVATIVE ALUMINUM ARCHITECTURE

The advantages of coil anodizing stem from the careful use of automation and low labor costs. In one continuous operation, aluminum coils are pretreated, anodized and sealed to ASTM technical standards.

### Designer Series Commercial Gutter Systems

Our pre-engineered commercial gutter systems are designed to withstand harsh conditions from extreme winters of the northern climates as well as high wind loads. Designer Series gutters come standard with four sculpted fascia profiles and are now available with our extruded mouldings. Each system features a concealed gutter liner, heavy duty support brackets and internal straps.

### Industrial Series Commercial Gutter Systems

Our Industrial Series systems features four standard profiles in a variety of sizes. These systems utilize exposed heavy duty support brackets with internal straps. Their extra-large capacity makes them ideal for a variety of large commercial facilities and complexes.

### Designer Series Cornice Systems

Designer Series Cornice trims and mouldings are available in both formed and extruded aluminum profiles. Formed cornices offer an economical solution for virtually unlimited designs. Extruded cornices offer a more refined and elegant presence for a variety of prominent building elements that are close to view. Each system can utilize an internal gutter system and is customizable.

### Architectural Coping and Gravel Stop Systems

Press-Loc® Copings and Gravel Stops are popular choices for both architects and contractors alike. Their concealed compression cleats, with their versatile snap-on covers, eliminates exposed fasteners and makes installation of these high performance systems fast and easy. Each system is manufactured from aluminum and is available in a variety of finishes, colors, and metal thickness.



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**Member**

Aluminum Anodizers Council  
Metals Service Center Institute  
National Glass Association



**SAF – Anodized Coatings, Sheet & Extrusions**

*Paint and Anodized Finishes, Architectural Aluminum*

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**SAF Coil Anodizing Division – Architectural and Industrial Clear and Dyed Finishes**

*Coil Anodizing, Slitting, Toll Coating*

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