



Aluminate

Aluminum Composite Material



INTRO

Regardless if you're an architect, designer, fabricator or installer, we are committed to helping you overcome your project challenges and ultimately achieve your vision with beautiful and affordable aluminum composite material. Our stylish and functional cladding solutions for both interior and exterior applications will bring durability paired with pristine looks for years to come.



OUR VISION AND MISSION

Alumanate is committed to the manufacturing of aluminum composite material (ACM) for building and construction applications such as architectural wall cladding, signage and other creative uses.

Our company focus is to provide quality ACM that is paralleled with the best pricing in the industry.

COMPANY INSIGHTS

We have been committed to the manufacturing of ACM for building and construction applications such as wall cladding and signage since 1998.

01

FLEXIBILITY

Alumanate's one of a kind unbreakable PE core is guaranteed to impress any fabricator or builder. Our proprietary blend of specialized plastics create an incredible strength to weight ratio that has been successfully tested to a 42mm bend radius.

02

20 YEAR KYNAR 500

Alumanate ACM is coil coated utilizing premium PPG coatings. Backed by a 20 year exterior finish warranty, our PVDF & FEVE paint finishes are formulated to meet or exceed industry performance requisites such as AAMA 620.

03

30% THE COST

On average, our material cost is 30% less than the other industry leading ACM manufactures. Ultimately reducing project cost without having to sacrifice quality.

MATERIAL DESCRIPTION

Our ACM consist of a thermoplastic compound core faced with two sheets of aluminum that are coated with your choice of Kynar 500 PVDF, 3 coat fluoropolymer (FEVE) or polyester (PE). We have two variations of core materials, first is our unbreakable polyethylene (PE) core and second is our fire resistant (FR) core.

Our unbreakable PE core will remain firm and intact regardless of the amount of stress it's put under. It's the perfect option for all architectural projects that do not call for fire resistant properties.

Alumanate FR has been developed exclusively for the higher requirements of the fire regulations in architecture. Alumanate FR meets the requirements of fire classifications while offering the same flatness, formability and resistance to wear.



FEATURED PROJECT

VIRGINIA BEACH
GOVERNMENT HOUSING



- **Location:** Virginia Beach, Virginia
- **Size:** 63,500 square feet
- **Value:** \$29,998,000
- **Completion Date:** In Progress
- **Delivery Method:** Design / Bid / Build
- **Owner:** The City of Virginia Beach
- **General Contractor:** S.B. Ballard
- **Cladding Fabricator:** Procon
- **Architects:** Waller, Todd & Saddler
- **ACM Panels:** Alumanate Architectural
- **ACM Panel Specs:** 6mm / 0.020" / FR Core / 3 Coat Fluoropolymer
- **ACM Color:** Custom Color Selected by Architect

PANEL SPECS

STANDARD OFFERINGS

- Standard Width: 4' & 5' custom widths upon request ($\leq 5.175'$)
- Standard Length: 8', 10' & 16' custom lengths upon request ($\leq 19'$)
- Panel Thickness: 3mm, 4mm, 5mm, 6mm
- Aluminum Skin Thickness: .008" / .010" / .012" / .020"
- Core Types: Polyethylene PE & Fire Resistant FR
- Colors: Partnered with PPG & Beckers Paint, we offer 80 stock to choose from. Corporate id and custom colors are welcomed



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