



ARCHITECTURAL ACM SYSTEMS

ACM Systems • Finish Profiles • Technical Reference

FACADE SPECIALISTS • DESIGN ASSIST • CNC FABRICATION

PRECISION AS IDENTITY

cladstyle.ca

UNIQUE ARCHITECTURAL FINISHES

IdeaBond ACM · Premium Stone & Texture Profiles

SCRATCH-RESISTANT SERIES



AF519A — Dark Marble



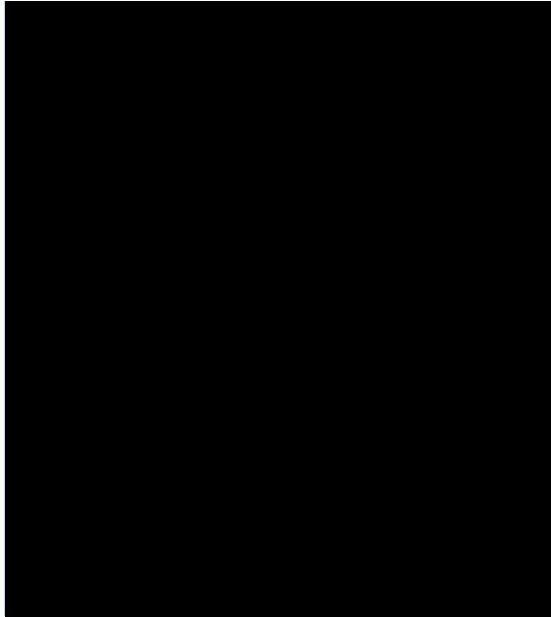
AF519 — Urban Concrete

Specialty finishes are reviewed by project requirement and availability.
Custom options may be subject to minimum order quantities and supplier confirmation.

ACM COLOUR PROFILE

IdeaBond ACM · Solid & Metallic Stock Finishes

Stocked in 4mm with FR-Core



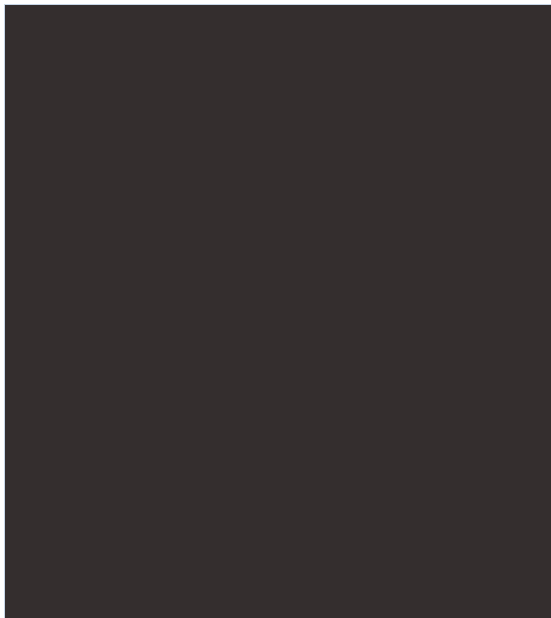
AF390 — Midnight Black

Solid Finish



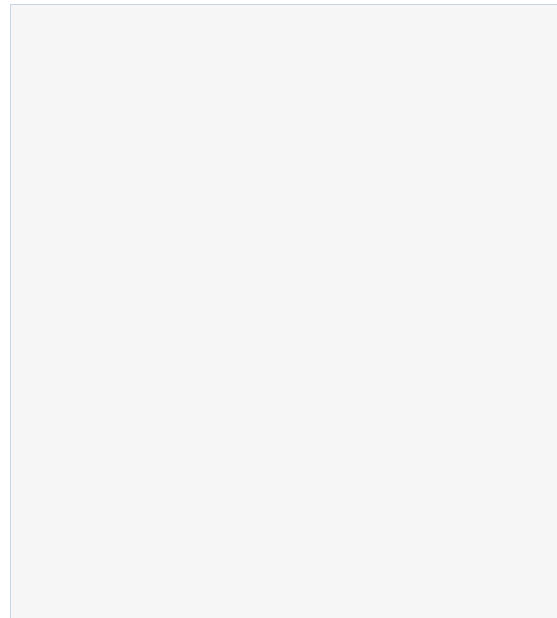
AF400 — Metallic Grey

Metallic Finish



AF419 — Charcoal

Solid Finish



AF406 — Off-White

Solid Finish

Additional colour options are available by project requirement.
Final availability is subject to minimum order quantities and supplier confirmation.

ACM SYSTEM OVERVIEW

4mm FR-Core Aluminum Composite Panel System

A compact technical reference for ACM facade applications requiring controlled fabrication, coordinated installation, and project-specific specification review.

PANEL FORMAT

Canada Stock Specification

Standard Thickness	4mm
Standard Width	62"
Standard Length	196"
Aluminum Thickness	0.5mm each side
Core Thickness	3mm
Weight	7 kg/m ²

Additional sizes and thicknesses may be available by project requirement.

FIRE PERFORMANCE

BS 476 Part 7	Class 1
EN 13501-1	A2 / B1 options
ASTM E84	Class A
UL 94	V0
CAN/ULC-S134	Assembly documentation available upon request

Fire performance depends on the complete wall assembly and must be confirmed against project-specific code requirements.

TECHNICAL PERFORMANCE

Deflection Temp.	105 °C
Flexural Rigidity	14.0 × 10 ³
Thermal Expansion	1.59 × 10 ⁻⁵ °C ⁻¹
Bending Strength	150 D
Acoustic Insulation	25 dB

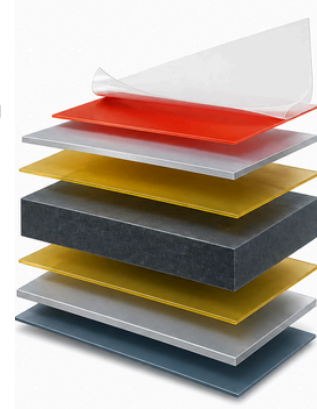
Reference values must be confirmed against current supplier documentation.

SURFACE PERFORMANCE

Impact Resistance	No depainting / no crack
Salt Spray Resistance	3000 hrs / no blister
Chemical Resistance	No change
Colour Retention	ΔE < 5
T-Bend Toughness	2T, no rift

TYPICAL ACM BUILD-UP

Protective Film
 PVDF / Polyester Coating
 Aluminum Sheet
 Lamination Film
 FR / Mineral-Filled Core
 Lamination Film
 Aluminum Sheet
 Service Coating



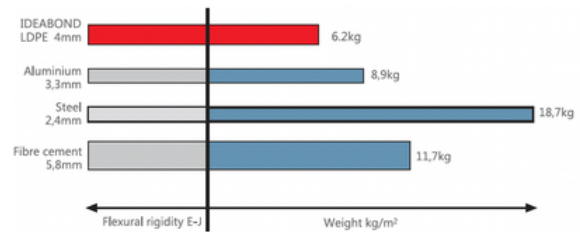
COATING & FINISH

Coating	PVDF System Kynar 500 & Hylar 5000
Finish Coating	30 ± 5 µm
Gloss Tolerance	4.3 (gloss 56.8)
Colours / Finishes	Solid, Metallic, Textured, Stone, Woodgrain
Warranty	15-30 years*

*Warranty varies by finish, coating system, supplier, and project conditions.

FLEXURAL RIGIDITY

ACM construction supports panel flatness, rigidity, and efficient handling across facade applications.



Comparison of thickness and weight with the same flexural rigidity

Final specification must be confirmed against project drawings, wall assembly requirements, local code, consultant direction, and supplier documentation.

Full technical data, finish availability, and project documentation available upon request.

ARCHITECTURAL ACM SUPPORT

FROM FINISH SELECTION TO
FABRICATION AND INSTALLATION.

CladStyle Inc. is a Toronto-based cladding company specializing in Aluminum Composite Panel (ACM) systems for residential and commercial facade projects from early design-assist through fabrication and installation.

We work with architects, developers, builders, and general contractors to deliver coordinated, buildable facade systems with technical clarity.

DESIGN ASSIST

Early-stage detailing, finish review, system coordination, and constructability support.

SHOP DRAWINGS

Project-specific drawings prepared for coordination, fabrication, and installation.

FABRICATION

Precision panel sizing, routing, finishing, and system preparation.

SUPPLY & INSTALLATION

Coordinated ACM supply and clean site installation aligned with project conditions.



BUILT FOR DESIGN INTENT, TECHNICAL CLARITY, AND CLEAN EXECUTION.



DESIGN • FABRICATION • INSTALLATION

Architectural ACM Panel systems supported from finish selection through fabrication, coordination, and site installation.

CONTACT

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SCAN FOR TECHNICAL RESOURCES



Finish profiles, specification documents,
and project support.

PRODUCT STANDARDS & COATING REFERENCES

