



SAMPLE APPROVAL

Date: 09.12.2024

Project: Luther Kia

Wells Job #: XXXX

Location: Bloomington, MN

Wells Prospect #: XXXX

Sample ID number: A927D

Aggregate: Granite Falls Meridian 1/2"

Cement: Federal White PLC | Lehigh PLC

Sand: Evenson Torpedo Sand | Fort Dodge MFG +

Dye: #0615 Cave Grey - 1%

Attached mix worksheet: ☒

Description of finish on panel: iINTEGRAL COLOR ACID ETCH (REFER TO PHOTO BELOW+)

Brick manufacturer: N/A

This above listed sample(s) is approved as representative of the color and texture of the finished architectural surface for this project. Approval of sample by architect or owner authorizes Wells to proceed with manufacturing of the mock-up and procure items such as thin brick materials, formliner, and any special sands, aggregates, or dyes needed to produce this project.

Plant inspection visits by the architect, engineer, contractor, and owner are encouraged during the production of this project.

Approval:

Signature Required

Gries Architectural Group
Firm/Company

Reid Mordhorst (763-568-3092)
Wells Representative



Wells Concrete Sample Worksheet					
Project #	Reid M(763) 568-3092		Sample ID#	A927D	
Kadlec Kia	Sample Size Cubic Foot	0.27	1 yd. Batch Quantity	Sample Quantity	
Cement	Federal White PLC		350 lbs.	3.50 lbs.	
	Lehigh PLC		350 lbs.	3.50 lbs.	
			Total =	7.00 lbs.	
Coarse Aggregate	Granite Falls Meridian 1/2"		1805 lbs.	18.05 lbs.	
			lbs.	lbs.	
			Total =	18.05 lbs.	
Fine Aggregate	Evenson Torpedo Sand		680 lbs.	6.80 lbs.	
	Fort Dodge MFG Sand		520 lbs.	5.20 lbs.	
			lbs.	lbs.	
			Total =	12.00 lbs.	
Water	W/C Ratio	0.39	273 lbs.	2.73 lbs.	
Water Reducer	Sika ViscoCrete 6100		0 oz	0.00 ml	
Air Additive	Sika Control Air 160		1 oz	0.30 ml	
Accelerator	Sika Set NC		0 oz	0.00 ml	
Hydration Stabilizer	Sika Tard 440		0 oz	0.00 ml	
LR Water reducer	Sika ViscoCrete 6100		0 oz	0.00 ml	
Viscosity Modifier	Sika Stabilizer 4 R		0 oz	0.00 ml	
Corrosion Inhibitor	Sika CNI		0 oz	0.00 ml	
Fiber			0 lbs.	0.00 lbs.	
Powder Dye	#0615 Cave Grey	1.00%	7 lbs.	31.75 grams	
Liquid Dye	#0615 Cave Grey	1.00%	14 lbs.	63.50 grams	
Form Finish	Med AE, Med SB				
Comments					

PL202400150
PL2024-150

STOCK **COLOR** CHART

ALPOLIC®
METAL COMPOSITE MATERIALS

WE DO IT DIFFERENTLY

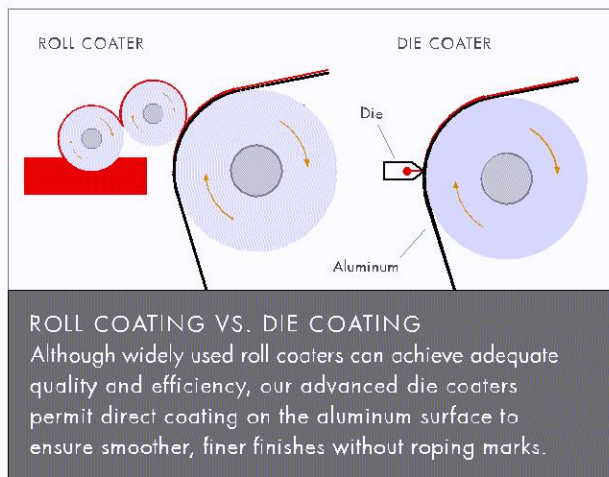
Whether it's our raw materials selection, our paint application, or even our crating, everything we do is meticulously crafted to deliver our customers a premium product they can trust. Our long-standing relationships with global paint suppliers allow us to color match most any shade imaginable, so if you can dream it, we likely can deliver it.

Unlike our competitors, we use a die-coating process to apply our paint, which delivers a smooth, even finish that is devoid of roping marks. And, our materials are manufactured with heat, pressure and tension through a continuous bonding process, ensuring consistent panel integrity. It's better for our products and the environment.

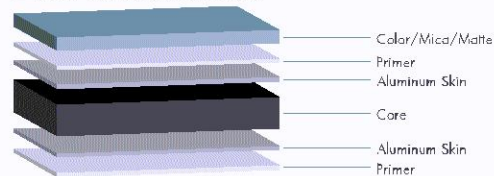
COLOR IS OUR FOUNDATION

Vibrant colors, more durable finishes, built-in graffiti resistance, unmatched color clarity and gloss comes standard at ALPOLIC. It's what you can expect from our use of the AAMA 2605-rated, second-generation fluoropolymer, Lumiflon® FEVE.

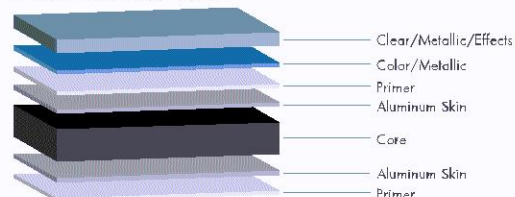
From the beginning, our MCM set an uncompromising standard. ALPOLIC grew from the bold, vivid colors of the petroleum industry to providing stately refinement to city landmarks.



2-Coat Solid/Mica/Matte



3-Coat Metallic/Effects



FEVE Resins

100% FEVE
Clear resin
Homogenous Solution
Gloss range 10 – 70
Wide color range
Muted & bright colors
Thermoset



PVDF Resins

70% PVDF + Acrylic
Milky resin
Dispersion solution
Gloss range 6 – 40
Moderate color range
Muted colors only
Thermoplastic



SAFE AND BEAUTIFUL

ALPOLIC® is more than just a pretty face. Like our customers, we take safety seriously. That's why we manufacture to precise requirements and even third-party certify our processes, assuring our products are safe when used in accordance with building codes. ALPOLIC MCM has been incorporated in numerous wall assemblies that have passed full-scale fire testing like the American NFPA 285 and Canadian S134.

Our rigid, yet lightweight, premium metal composite materials offer solutions to architects and designers so they can bring their visions to life. Our products can be finished in a nearly endless color selection and are highly flexible, allowing for easier fabrication. And with the industry's most comprehensive warranties, we stand behind our products, ensuring your project will be protected for 10, 20, 30, or even 35 years.

WHY CHOOSE ALPOLIC® MATERIALS?

Strongest Warranty	Covers both material and labor to execute warranty. In situ is unique to ALPOLIC.
Primed Both Sides of Skin	Inhibits oxidation and white rust that can adversely affect paint and core adhesion.
AAMA 2605 FEVE Paint	Highest performance criteria for architectural paint, exceeding 10 years in south Florida exposure test.
Graffiti Resistance	FEVE paints are inherently graffiti resistant, allowing markings to be removed with Watts Removal Cleaning Products.
Custom Production: 1,000 sq ft minimum	Provides flexibility in custom colors or custom sizes/cores to give client exactly what they want.
Sizes: 2mm, 3mm, 4mm, 6mm	Widest range of thicknesses to meet application needs.
Widths: 40, 48, 50, 51, 60, 62	Wide range of standard coil widths to optimize yields.
Technical Service Department	Dedicated resource for navigating performance, application, and code compliance.
Squared Sheet	Eliminates the need to have to square one side before fabrication.
Product Good Side Up or Down	Easier loading onto CNC table.



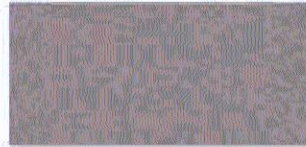
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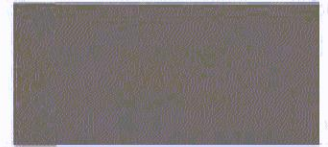
CLR Clear Anodized



SMX Metallic Silver



OPT Mica Platinum



PEX Metallic Pewter



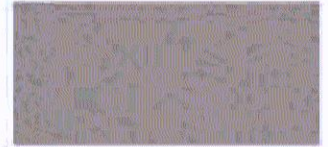
SOG Grey



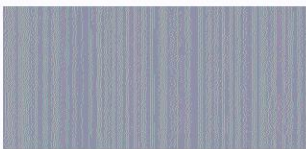
TBX Metallic Silver



TSZ Metallic Silver



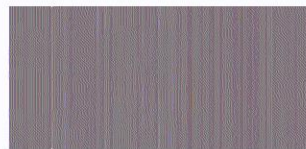
MNC Mica Anodic Clear



HLZ Aluminum



BSX Metallic Silver



4HL Stainless



TXG Grey



AGT Aluminum Grey



RRM River Rock Grey



MFS Mica Grey



HPA High Polished Aluminum



MZG Mica Grey



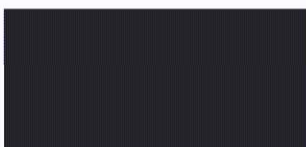
AZZ Quartz Zinc



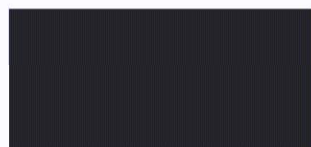
BRUX Manganese Metallic



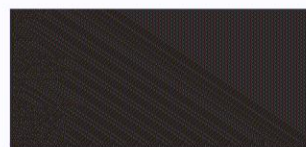
BGY Grey



CTBM Space Black



BSM Slate Black



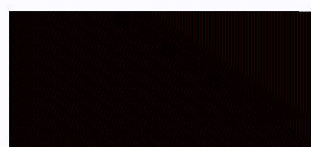
DON Grey



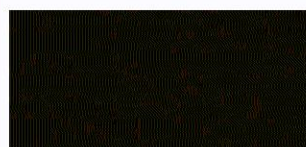
MRO Anthracite Grey



CNC Charcoal



BLX Black



TOB Black



TBL Black

PL202400150
PL2024-150
We are here to help

every step of the
way.

For expert
assistance with
product availability,
material selection,
sizing and colors,
please contact your
local ALPOLIC®
sales manager.

TARJETA NARANJA
Cordoba, Argentina

Color	Finish	Gloss	LRV	SRI	Warranty	FR	PE	BM	3mm	4mm
4HL Stainless	Natural Metal		28.9	34-Cool	Panel only	X				X
ABE Blue	2 Coat Solid	70	22.9		20		X			X
AGT Aluminum Grey	2 Coat Solid	30	31.8	2a	35	X	X	X		X
AMOX Blue	3 Coat Solid	30	26.0		20	X				X
AUB Blue	2 Coat Solid	50	3.0		20		X			X
AZZ Quartz Zinc	Natural Metal		18.7		Panel only	X				X
BBR Red	2 Coat Solid	30	8.6		20		X		X	X
BGN Green	2 Coat Solid	50	14.9		10		X		X	
BGY Grey	2 Coat Solid	50	10.1	7	35	X	X	X		X
BLX Black	2 Coat Solid	30	0.9		20		X		X	X
BNT Bone White	2 Coat Solid	30	78.1	82-Cool	35	X	X	X		X
BPS Pearl	2 Coat Solid	30	66.7		20		X		X	
BRUX Manganese Metallic	3 Coat Metallic	30	6.3		20	X				X
BSM Slate Black	2 Coat Matte	10	4.6	1	20	X		X		X
BSX Metallic Silver	3 Coat Metallic	30	31.8	71-Cool	35	X	X	X		X
BTR Red	2 Coat Solid	50	11.8		20		X		X	X
BYL Yellow	2 Coat Solid	70	65.5		10		X		X	
C12 Copper	Natural Metal		1.8	5-Cool	Panel only	X				X
CFB Blue	2 Coat Solid	70	6.8		10		X		X	
CLR Clear Anodized	Anodized		26.0	84-Cool	5	X				X
CMX Metallic Champagne	3 Coat Metallic	30	28.2	59-Cool	35	X	X	X		X
CNC Charcoal	2 Coat Solid	30	4.2		30	X	X	X	X	X
COW White	2 Coat Solid	30	69.0		20		X			X
CPW White	2 Coat Solid	70	83.8		20		X			X
CRT Oyster	2 Coat Solid	30	72.0	82-Cool	35	X				X
CTBM Space Black	2 Coat Matte	10	3.4		20		X			X
CVB Blue	2 Coat Solid	70	13.0		20		X			X
CVG Grey	2 Coat Solid	50	14.7		20		X		X	X
CZZ Anthra Zinc	Natural Metal		4.2		Panel Only	X				X
DCX Metallic Copper	3 Coat Metallic	30	14.5	47-Cool	35	X				X
DON Grey	2 Coat Solid	30	6.3		20		X			X
DQO Pearlescent Orange	3 Coat Effects	70	22.9		20		X		X	
DQS Shimmer Maroon Gold	3 Coat Effects	70	5.6		10		X			X
DYB Blue	2 Coat Solid	50	9.5		10		X		X	
ETT Tan	2 Coat Solid	30	47.8		20		X		X	
EWB White	2 Coat Solid	70	88.0		10		X		X	
EYL Yellow	2 Coat Solid	70	50.6		20		X		X	
FEF Red	2 Coat Solid	70	11.4		10		X		X	
FEF Red MFS Mica Grey FEF Red	Multi Coat Stripes	FEF-70 MFS-30	14.7		10		X		X	
GAMA Bunny Grey	2 Coat Solid	30	66.8		20	X				X
GRV Green	2 Coat Solid	30	11.0		10		X		X	
HLZ Aluminum	2 Coat Decorative Metal	70	34.5		20	X	X			X
HNB Blue	2 Coat Solid	50	16.6		20		X	X		X
HPA High Polished Aluminum	2 Coat Decorative Metal	70	0.9		5		X		X	
HWB White	2 Coat Solid	50	80.0		20	X		X		X
HYB Blue	2 Coat Solid	30	3.8		20		X	X		X
JBR Bronze	2 Coat Solid	30	3.4	2	35	X	X	X		X
JLR Red	2 Coat Solid	50	5.4		20		X			X
LIN Brown	2 Coat Solid	30	3.4		20	X				X
LYS Yellow	2 Coat Solid	70	45.8		20		X		X	
MBU Blue	2 Coat Solid	30	9.7		20		X			X
MBX Metallic Bronze	3 Coat Metallic	30	28.5	40-Cool	35	X	X			X
MCU Mica Champagne	2 Coat Mica	30	22.6	38-Cool	35	X	X			X
MCV White	2 Coat Solid	70	67.6		10		X		X	
MFS Mica Grey	2 Coat Mica	30	14.0		30	X	X	X		X
MNC Mica Anodic Clear	2 Coat Mica	30	28.7	56-Cool	35	X	X	X		X
MPL Maple	3 Coat Timber Pattern	30	29.4		20	X				X
MRO Anthracite Grey	2 Coat Mica	70	3.1		20		X	X		X
MST Mist White	2 Coat Solid	30	69.6	75-Cool	35	X	X			X
MZG Mica Grey	2 Coat Mica	50	8.5	14	35	X	X	X		X
NSG Grey	2 Coat Solid	50	6.8		20		X			X
NSN Red	2 Coat Solid	70	8.7		20		X			X
OPT Mica Platinum	2 Coat Mica	50	28.6	53	35	X	X	X		X
PEX Metallic Pewter	3 Coat Metallic	30	20.4		30	X		X		X
PLP White	2 Coat Solid	70	86.5		20		X		X	
QAE Mahogany	3 Coat Timber Pattern	30	2.4		20	X				X
QAW Rio Alcon	3 Coat Timber Pattern	30	3.8		20	X				X
QBB Teak	3 Coat Timber Pattern	30	10.1		20	X				X
QBT Zebra wood	3 Coat Timber Pattern	30	2.3		20	X				X
QBV Oriental Cane	3 Coat Timber Pattern	30	37.9		20	X				X
QCO Rusted Steel	3 Coat Pattern	20	15.2		20	X				X
QCP Harvest Trail Bamboo	3 Coat Timber Pattern	30	28.8		20	X	X			X
QJB Japanese Birch	3 Coat Timber Pattern	30	44.5		20	X				X
QWP Wild Plum	3 Coat Timber Pattern	30	16.6		20	X				X
RAPT Blue	2 Coat Solid	30	2.9		10		X			X
RON Red	2 Coat Solid	70	9.5		20		X			X
RRM River Rock Grey	2 Coat Matte	10	22.7	17	20	X				X
RTB Blue	2 Coat Solid	70	4.2		10		X			X
RVW White	2 Coat Solid	50	86.1		35		X	X		X
SAW White	2 Coat Solid	70	79.9		20		X		X	X
SBR Bronze	2 Coat Solid	30	5.8		20		X		X	
SHB Blue	2 Coat Solid	70	8.7		20		X		X	X
SMX Metallic Silver	3 Coat Metallic	30	31.4	63-Cool	35	X	X	X		X
SOG Grey	2 Coat Solid	70	49.4		20		X		X	
STR Red	2 Coat Solid	70	12.6		10		X		X	
SWT White	2 Coat Solid	30	72.1		20	X	X		X	X
TBL Black	2 Coat Solid	70	0.6		20		X		X	X
TBX Metallic Silver	3 Coat Metallic	30	33.1		35	X	X	X		X
TDR Green	2 Coat Solid	70	24.2		20	X				X
TELM Neon Red	2 Coat Matte	10	11.7		10	X				X
TOB Black	2 Coat Solid	15	1.1		35	X	X	X		X
TOR Red	2 Coat Solid	70	9.2		20		X	X		X
TRC Red	2 Coat Solid	30	9.0		20	X				X
TRD Red	2 Coat Solid	70	10.8		10		X		X	
TRM Terra Cotta	2 Coat Matte	10	16.7	12	20	X				X
TSZ Metallic Silver	3 Coat Metallic	70	29.1		35		X			X
TXG Grey	2 Coat Solid	70	39.3		20	X	X	X	X	X
WAB Blue	2 Coat Solid	30	17.9		20		X		X	
WER Red	2 Coat Solid	30	7.5		20		X			X
WLN Walnut	3 Coat Timber Pattern	30	13.5		20	X				X
WNX Red	3 Coat Solid	30	10.3		10		X			X

SOLID FINISHES

SURFACE TREATMENT

ALPOLIC® Solid Finish panels are available in a wide variety of colors and glosses and feature FEVE LUMIFLON™ finishes. PVDF Kynar finishes are available in custom orders. Both finishes are fluorocarbon paint systems that offer excellent durability and weatherability.

Standard stock sizes and thickness vary by product program. Please contact Customer Service for stock sizes. May be produced with either our traditional PE core or our with our fire-resistant core.

Please contact Customer Service for current available stock and additional information.

FINISH TOLERANCE

Color: DE 2.5 max from standard
Gloss: Nominal +/-10 units

PRODUCT TOLERANCE

Width: $\pm 0.08"$ (2mm)
Length: $\pm 0.012"$ per ft (1 mm/meter)
Thickness: 3mm $\pm 0.008"$ (0.2mm)
4mm $\pm 0.008"$ (0.2mm)
6mm $\pm 0.012"$ (0.3mm)

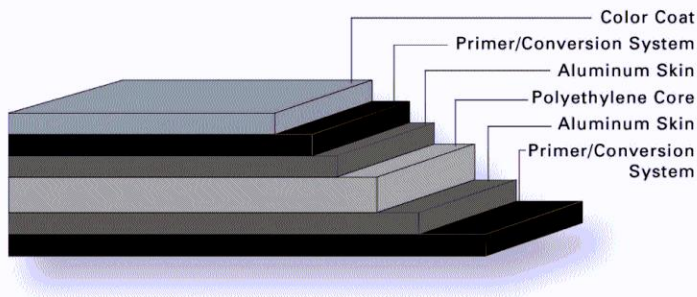
Bow: Maximum 0.5% of length and/or width
Squareness: Maximum 0.2" (5mm)
Peel Strength: >22.5 in lb/in (ASTM D1781)

ALPOLIC® material is trimmed and squared with cut edges to offer the best sheet edge conditions in the industry.

WARRANTY

Standard panel warranty: 10 year
Finish warranty: 10, 20 or 30 based on color

Call ALPOLIC® Customer Service for exclusions and warranty details.



FIRE PERFORMANCE

ALPOLIC® sheets can be produced with a fire resistant (fr) mineral filled core or a polyethylene (PE) core. Each has been tested by independent testing laboratories using nationally recognized standards.

ALPOLIC®/fr material meets all requirements of the International Building Code (IBC) for non-combustible construction and the ICC-ES ESR 2653.

ALPOLIC®/PE meets all requirements for building applications under 40 feet from grade and the ICC-ES ESR 3704.

PRODUCT NOTES

- Panels should be stored flat in a dry, indoor environment.
- Fabricate panels at temperatures above 55°F.
- Protective film should be removed from panels soon after installation.
- Please refer to ALPOLIC® Painted MCM Fabrication Manual for routing and fabrication recommendations.
- Crating fees apply to orders for less than standard piece crate.
- For best color consistency, ALPOLIC® recommends ordering all required solid paint finish panels at one time and maintaining consistent panel orientation during installation.
- Different lots of solid finishes should not be mixed on building elevation.

ALPOLIC® TECHNICAL ASSISTANCE

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