ALUCOBOND®

Color Selector Guide.

40 years of excellence

Finish Systems

Alucobond® Finish Systems are created by utilizing a color and a coating that are typically either PVDF (Polyvinylidene Fluoride Finishes) or FEVE (Fluoroethylene Vinyl Ether). When selecting a color, we provide you the resin type, the number of coats, the color name and the gloss level.

EXAMPLE This is a PVDF Finish System that has two coats (denoted by the blue text). The color is Bone White and the gloss level is 30. A gloss level of 30 is less glossy than a 50.

color name → **BONE WHITE — 30** ← *gloss level*

Finish Systems Economics

Different projects require different finishes. Alucobond is available in a wide array of finishes to meet virtually any budget.

PVDF – 2
Polyvinylidene Fluoride Finish Systems are the industry standard for metal architectural coatings.

PVDF – 2 or 3 Coats
Mica / Pearlescent
Mica / pearlescent pigments are incorporated to achieve a "metallic" look. When specifying micas, panel directionality must be considered for estimating, fabricating and erection. It is advisable to order all panels at one time for best results.

PVDF – 3 Coats
Metallic flake is incorporated to achieve a "metallic" look. To protect the metal from oxidizing, a third, clear coat is added. The clear coat also provides increased resistance to graffiti and abrasion. This Finish System is available at a moderate premium over the PVDF – 2 coat finishes. When specifying metallics, panel directionality must be considered for estimating, fabricating and erection. It is advisable to order all panels at one time for best results.

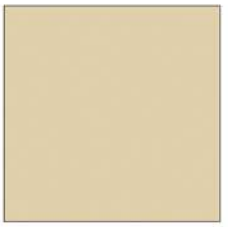
FEVE – 2 or 3 Coats
Fluoroethylene Vinyl Ether Finish Systems are the second generation among fluoropolymer coatings. They provide bright, vivid colors at higher gloss levels. The 2 or 3 coat systems are available at a moderate premium to the PVDF – 2 and 3 Finish Systems. When specifying FEVE metallics, panel directionality must be considered for estimating, fabricating and erection. It is advisable to order all panels at one time for best results.

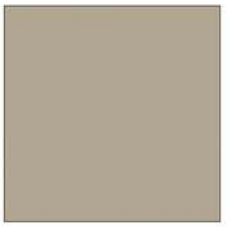
Classic Palette – (PVDF)

The Classic Palette represents the most popular Alucobond colors. All are stocked in 4mm thickness and in various standard sizes. The Classic family of colors has provided a classic appearance for thousands of buildings using Alucobond. Coil samples (approximately 3"x 4") available on request. (Finish System Type [denoted by text color] — Color — Numeric Gloss level)

Contemporary Palette – (PVDF)

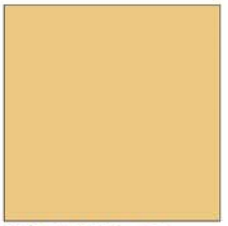
The Contemporary Palette represents rich colors and gloss levels. These non-stocked colors may be produced to order with certain minimum order quantities, set-up and color charges. Metal samples (3" x 4") are available on request. (Finish System Type [denoted by text color] – Color – Numeric Gloss level)


CARAMEL LATTE — 30


PORTABELLO — 30


FAIRVIEW TAUPE — 30


COCOA BEAN — 30


SESAME SEED — 30


CHIPOTLE — 30


ROASTED RED PEPPER — 30


RED FIRE — 30


GLADE GREEN — 30


URBAN MIST GREEN — 30


BERMUDA BLUE — 30


BLUE THUNDER — 30


MARKET WHITE MICA — 20


WEST PEWTER MICA — 20


STEEL CITY SILVER MICA — 20


GRAPHITE MICA — 30
(PVDF — 3)


EARTHEN GOLD MICA — 30


ROMAN BRONZE MICA — 20


HAZELNUT MICA — 30


RUSSET MICA — 30
(PVDF — 3)


CASHMERE MICA — 30


HARVEST GOLD MICA — 30


DRIFTWOOD MICA — 20


BISTRO BRONZE MICA — 30


SOUTHWEST GOLD
METALLIC — 30


SUMMER SUEDE
METALLIC — 30


GOLDEN ALMOND
METALLIC — 30


RUSTED STEEL
METALLIC — 30

Anodic Palette – (PVDF)

The Anodic Palette represents specially formulated PVDF Mica colors and coatings designed to emulate the appearance of anodized aluminum. The Anodic Palette is an economical option to achieve an anodized look. When specifying micas, panel directionality must be considered for estimating, fabricating and erection.

It is advisable to order all panels at one time for best results. These non-stocked colors may be run to order with certain minimum order quantities, set-up and color charges. Metal samples (3" x 4") are available on request. (Finish System Type [denoted by text color] – Color – Numeric Gloss level)


ANODIC CLEAR MICA — 30


ANODIC SATIN MICA — 30


ANODIC BRONZE MICA — 30

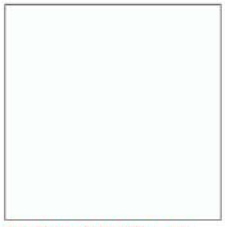

ANODIC GOLD MICA — 20


ANODIC DARK BRONZE MICA — 30 (PVDF — 3)

Vivid Palette – (FEVE)

The Vivid Palette represents bright colors and higher gloss levels that sparkle with brilliance. These non-stocked colors may be produced to order with certain minimum order quantities, set-up and color charges. Metal samples (3" x 4") are available on request. (Finish System Type [denoted by text color] – Color – Numeric Gloss level)

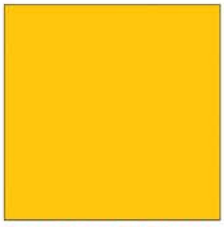

LAPIS BLUE — 50


STARLIGHT WHITE — 50


COSMOS BLACK — 50


MYSTIC RED — 50 (FEVE — 3)


BRIGHT SILVER METALLIC — 50 (FEVE — 3)


SUNFLOWER YELLOW — 50 (FEVE — 3)

Anodized Palette

Ask your salesperson about our five Class I anodized colors (Clear, Light Bronze, Medium Bronze, Dark Bronze and Black). Panel samples (approximately 5"x 7") are available on request. When specifying anodized, panel directionality must be considered for estimating, fabricating and erection. It is advisable to order all panels at one time for best results.

naturAL Series and Spectra Colors

Our naturAL series offers a finely textured aluminum surface with a FEVE clear coat. The Spectra Colors provide a surface with various "continuous shifting" colors. When specifying naturAL or Spectra, panel directionality must be considered for estimating, fabricating and erection. It is advisable to order all panels at one time for best results. Ask your Alcan salesperson for the brochures.

Custom Color — Your Color Here!

Let your imagination be our guide! The palette of coil-coated colors can be endless, from subtle shades to bold, bright colors. Our color-matching experts will work to match your color. There are a few considerations you should keep in mind. Exact matches are sometimes not possible. Matching a color created by a spray method, particularly a metallic, may not match with a color created on a roll coated method.

To ensure that we identify your color correctly we require either:

- a hand sample of at least 1" x 1" or,
- a Pantone® color reference which can be noted as a number with a C for coated or U for uncoated. Example: Pantone 220C.
- a PPG paint code reference.

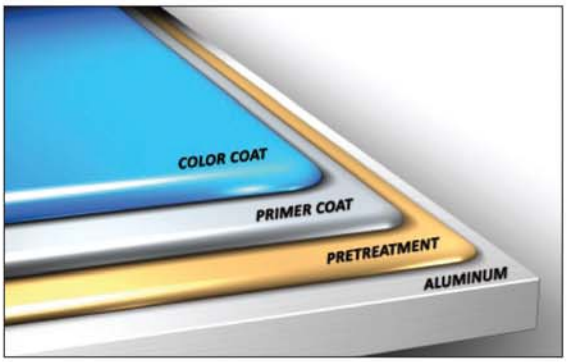
Send the color sample to:

Alucobond® Custom Color Match Department
208 West 5th Street
Benton, KY 42025

Please provide your name, company name, address, phone number and e-mail address, as well as the project name, project location, type of finish and gloss. We will update the progress of your custom color request via e-mail.

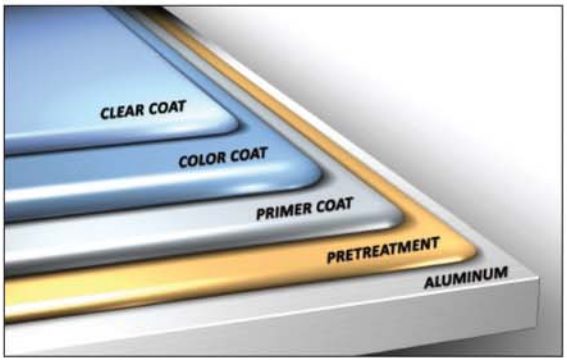
Finish Systems

The Alucobond coil-coating line, strategically located at the manufacturing facility in the heartland of America, offers a range of Finishing Systems. Alucobond is known for its color consistency. Paint finish technicians constantly monitor the system. The aluminum coils are finished with the architectural colors and coatings available, utilizing a reverse roller application process. A wide range of PVDF, FEVE, polyester and anodized finishes are available.



PVDF – 2 Coat Finish

- Ideal for architectural applications
- Suited for normal environments
- Contains 70% Kynar 500® or Hylar 5000® resins
- Meets or exceeds the performance requirements of AAMA 620



PVDF MICA/PEARLESCENT – 3 Coat Finish

- Ideal for architectural applications
- Provides metallic look without use of aluminum flakes
- Durable color coat contains mica/pearlescent pigments
- Contains 70% Kynar 500® resin
- Meets or exceeds the performance requirements of AAMA 620

2 coat finish omits clear coat

PVDF – 3 Coat Finish

- Ideal for architectural applications
- Suited for normal and aggressive environments
- Offers exotic colors as well as bright metallics using aluminum flakes
- Protective clear coat offers increased graffiti resistance
- Provides increased abrasion resistance
- Contains 70% Kynar 500® or Hylar 5000® resins
- Meets or exceeds the performance requirements of AAMA 620
- Available at a moderate premium over PDVF – 2 Coat
- Contains Lumiflon® resin

FEVE – 3 Coat Finish

- Ideal for corporate identity applications and image programs
- Provides bright, vivid colors
- Attains higher gloss levels
- Meets or exceeds the performance requirements of AAMA 620
- Available at a moderate premium over PVDF – 2 or 3 coats

2 coat finish omits clear coat

PPG Coatings Protected

Coil Coating Product Data

SPECIFICATIONS	PVDF – 2 COAT & PVDF – 3 COAT	FEVE – 2 COAT & FEVE – 3 COAT
DRY FILM THICKNESS		
ASTM D1400	0.20 mil primer coat 0.75 mil color coat 0.50 mil clear coat	0.15 – 0.25 mil primer coat 0.70 – 0.80 mil color coat 0.60 – 0.70 mil clear coat
GLOSS		
ASTM D523 @ 60° F ASTM D523 @ 85° F	25-35 <10	<10-80
PENCIL HARDNESS		
ASTM D3363	HB – H	HB – H
FLEXIBILITY		
ASTM D4145 T-bend	1 T-bend (2-coat) 0 T-bend (3-coat) No pick-off	1 T-bend No pick-off
ADHESION		
ASTM D3359 Reverse impact 1/16" crosshatch	No adhesion loss	No adhesion loss
REVERSE IMPACT		
ASTM D2794 1500 x metal thickness	No cracking or adhesion loss	No cracking or adhesion loss
ACID RESISTANCE		
ASTM D1308 10% muriatic acid – 15 minutes	24 hrs – no effect	15 minutes – No discoloration
ACID RAIN TEST		
Kesternich SO_2, DIN 50018	10 cycles min. No objectionable color change	10 cycles min. No objectionable color change
ALKALI RESISTANCE		
ASTM D1308 10%, 25%, NaOH, 1 hour	No effect	No effect
SALT SPRAY RESISTANCE		
ASTM B117 5% salt fog @ 95° F	Passes 4000 hrs. less than 1/16" avg. creepage from scribe; None or few #8 blisters.	Passes 4000 hrs. less than 1/16" avg. creepage from scribe; None or few #8 blisters.
HUMIDITY RESISTANCE		
ASTM D714 ASTM D2247 100% relative humidity @ 95° F	Passes 4000 hrs. No #8 blisters	Passes 4000 hrs None or few #8 field blisters
EXTERIOR EXPOSURE		
10 yrs @ 45°, south Florida ASTM D2244 ASTM D4214	Max. 5 fade Max. 8 chalk	Max. 5 fade Max. 8 chalk

Warranty Information

Warranties for Alucobond are based on the type of Finishing System utilized. Contact your Alcan salesperson or your fabricator/distributor for details. For technical questions, call 800-626-3365 or log on to AlucobondUSA.com and submit your question.