ALUCOBOND® Plus

Classic

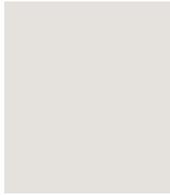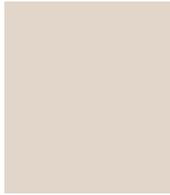|			
BONE WHITE PVDF 2/SRI 89	**ALABASTER** PVDF 2/SRI 87	**OYSTER** PVDF 2/SRI 81	**CASTLE GRAY** PVDF 2/SRI 56
ANODIC SATIN MICA PVDF 2	**STATUARY BRONZE** PVDF 2/SRI 8	**DUSTY CHARCOAL** PVDF 3	

BONE WHITE PVDF 2/SRI 89
ALABASTER PVDF 2/SRI 87
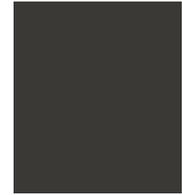**OYSTER** PVDF 2/SRI 81
CASTLE GRAY PVDF 2/SRI 56
ANODIC SATIN MICA PVDF 2
STATUARY BRONZE PVDF 2/SRI 8
DUSTY CHARCOAL PVDF 3

ANODIC CLEAR MICA PVDF 2
CADET GRAY PVDF 2 / SRI 51
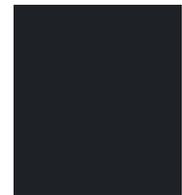**PLATINUM MICA** PVDF 2 / SRI 61
PATRIOT RED PVDF 3
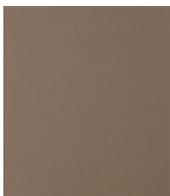**RED FIRE** PVDF 3 / SRI 35
AZURE BLUE PVDF 3
FOCUS BLACK II PVDF 2 / SRI 30

WEST PEWTER MICA II PVDF 2
HARVEST GOLD MICA PVDF 2
DRIFTWOOD MICA PVDF 2 / SRI 40
SILVER METALLIC PVDF 3 / SRI 58
BRILLIANT SILVER METALLIC PVDF 3 / SRI 73
SUNRISE SILVER METALLIC II PVDF 3 / SRI 30
CHAMPAGNE METALLIC PVDF 3

RUSSET MICA PVDF 3 / SRI 38
HAZELNUT MICA PVDF 2 / SRI 40

Natural

REFLECT MIRROR*
BRUSHED 50
BRUSHED STAINLESS
BRUSHED CARBON

Natural Designer Series

RUSTED METAL
ZINC

Spectra

OCEAN
CUPRAL
SAKURA

* This is a digital representation of Natural Reflect Mirror; please request a physical sample to see true reflective qualities.

PVDF or **Polyvinylidene Fluoride Finish** systems are the industry standard for metal architectural coatings. The **SRI** or **Solar Reflectance Index** with cool paint technology is a measure of a finish's ability to reject solar heat, as shown by a small temperature rise. It is defined so that a standard black (reflectance 0.05, emittance 0.90) is zero and a standard white (reflectance 0.80, emittance 0.90) is 100. SRI values are subject to change based on paint supplier and availability. **Please contact Customer Service for the most accurate listings as well as stocking of naturAL series and Spectra colors.**

NOTE: *Colors are a close representation of actual colors but not an exact match. Please request a physical sample for an exact color representation.*

PVDF 2
PVDF 3

FINISH SYSTEMS

ALUCOBOND® Plus Systems are created utilizing a color and a **Classic** PVDF (Polyvinylidene Fluoride) finish system. When requesting a color, we will provide you with the resin type, the number of coats, the color name and the gloss range level. **ALUCOBOND® Plus Natural** colors amplify the natural beauty and character of many natural elements to enhance the design of your architectural project while maintaining the durability and lightweight properties of aluminum. **ALUCOBOND® Plus Spectra** colors use high-quality fluorocarbon paint systems applied in a continuous coil-coated process to create a color-shifting surface. Depending on the pigment type and viewing angle, different wave-lengths of light are reflected, resulting in an ever-changing color gradient with iridescent highlights. Now, your entryways, columns, and facades can make a bold statement without upsetting your budget.

WARRANTIES

For warranty information please contact your ALUCOBOND® representative.

PHYSICAL PROPERTIES

ALUCOBOND® Composition
› Aluminum interior and exterior facings in 0.020" nominal thickness to ensure flatness
› Proprietary fire-retardant (Plus) core available in 4mm nominal thickness

Sheet Widths
› Standard coil coated widths include 50" and 62"
› Standard anodized widths include 62"
› Custom width 40"

Sheet Lengths
› Standard lengths include 146" and 196"
› Custom lengths for coil coating up to a maximum of 360"
› Custom lengths for anodized up to a maximum of 216"

Minimum Bending Radius
› The minimum bending radius of ALUCOBOND® Plus without routing the interior skin is 15 times the thickness of the material

Available Finishes
› PVDF, FEVE
› Polyester
› HDP
› Anodized: Clear, Light Bronze, Medium Bronze, Dark Bronze and Black
› Monochromatics, Micas and Metallics
› Natural
› Spectra

TECHNICAL DATA

	ALUCOBOND® Plus
Thickness	4mm Plus
Nominal Weight (lbs/sq.ft)	1.56
Coefficient of Expansion x 10^{-5} (in./in.°F)	1.11
Temperature Resistance	-55° to 175° F (-48° to 80°C)
Minimum Peel Strength	115 N mm/mm

Tests and Building Codes
Guided by the most comprehensive technical support team in the industry, ALUCOBOND® maintains constant and rigorous code compliance. From conceptual vision to finished project, the ALUCOBOND® sales and service professionals will guide you through the process.

North American Building Code Acceptance
ALUCOBOND® Plus is accepted by many code regulatory bodies including:
› IBC
› Miami-Dade County, Florida
› National Building Code of Canada
› State of Florida
› City of Los Angeles, California

ALUCOBOND Code Tests
ALUCOBOND® has been tested in accordance with the following standards:
› ASTM E 84 – Surface burning characteristics
› ASTM D1929 – Ignition properties
› ASTM D1781 – Peel strength
› NFPA 285 – Intermediate scale multi-story (ALUCOBOND® Plus only)
› CAN/ULC-S134 (ALUCOBOND® Plus only)

CUSTOM COLOR

Don't see what you are looking for? Let your imagination be our guide! The palette of coil-coated colors can be endless. Our color matching experts will work to match your color. Custom colors are available but require a 1,000 sqft. minimum order and are subject to set-up charges. 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, **or** a PPG paint code reference.

Send the color sample to:

ALUCOBOND Custom Color Match Department
208 West Fifth Street
Benton, KY 42025

Please provide your name, company name, address, phone number and email 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 email.

3A COMPOSITES