Classic

BONE WHITE
PVDF 2/SRI 89

ALABASTER
PVDF 2/SRI 87

OYSTER
PVDF 2/SRI 81

CASTLE GRAY
PVDF 2/SRI 56

CADET GRAY
PVDF 2/SRI 51

STATUARY BRONZE
PVDF 2/SRI 8

PATRIOT RED
PVDF 3

RED FIRE
PVDF 3/SRI 35

DUSTY CHARCOAL
PVDF 3

AZURE BLUE
PVDF 3

FOCUS BLACK
PVDF 3/SRI 30

ANODIC CLEAR MICA
PVDF 2

PLATINUM MICA
PVDF 2/SRI 61

ANODIC SATIN MICA
PVDF 2

WEST PEWTER MICA
PVDF 2

HARVEST GOLD MICA
PVDF 2

HAZELNUT MICA
PVDF 2/SRI 40

DRIFTWOOD MICA
PVDF 2/SRI 40

RUSSET MICA
PVDF 3/SRI 38

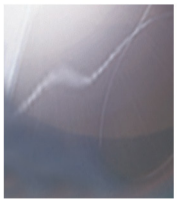
SILVER METALLIC
PVDF 3/SRI 58

CHAMPAGNE METALLIC
PVDF 3

SUNRISE SILVER METALLIC
PVDF 3/SRI 30

BRILLIANT SILVER METALLIC
PVDF 3/SRI 73

naturAL



REFLECT MIRROR

BRUSHED 50

BRUSHED STAINLESS

BRUSHED GRAPHITE

naturAL Designer Series

ZINC

RUSTED METAL

Spectra

OCEAN

CUPRAL

SAKURA

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.**

PVDF 2
PVDF 3

FINISH SYSTEMS

Alucobond® Cool 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 level. **Alucobond 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 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
› Polyethylene (PE) core available in 3mm, 4mm and 6mm nominal thickness
› Proprietary fire-retardant (Plus) core available in 4mm nominal thickness only

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 PE and 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			Alucobond Plus
Thickness	3mm	4mm	6mm	4mm Plus
Nominal Weight (lbs/sq.ft)	0.92	1.12	1.49	1.56
Coefficient of Expansion x10^{-5} (in./in.˚F)	1.31	1.19	1.24	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 and Alucobond Plus are 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