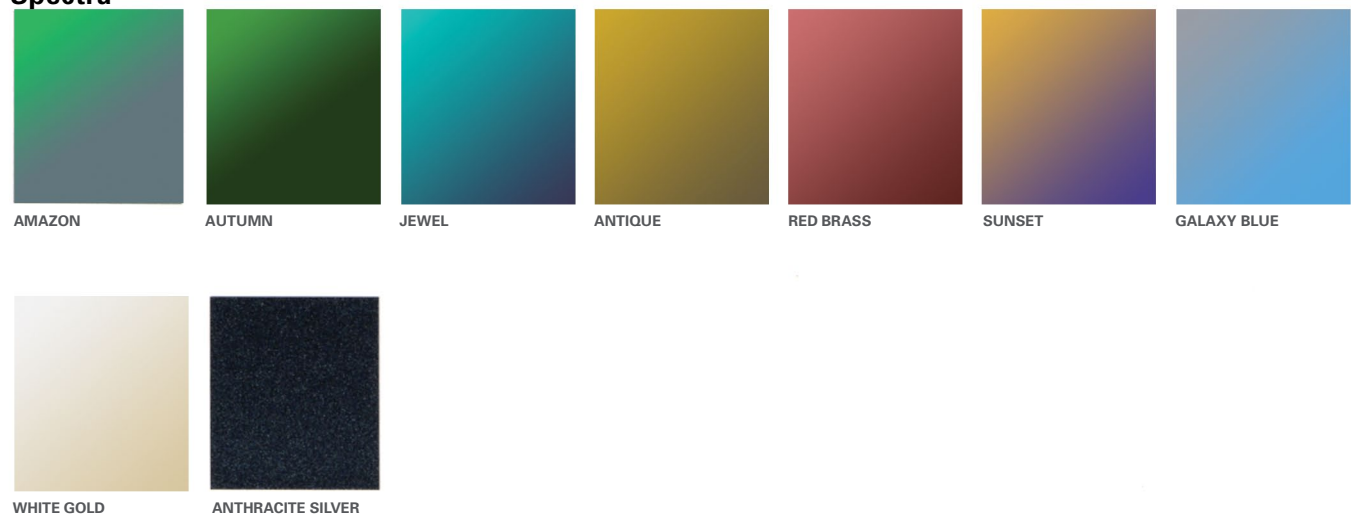


Contemporary



Spectra



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 Spectra colors.**

FINISH SYSTEMS

Alucobond® Cool Systems are created utilizing a color and a **Contemporary** 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 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 facings in 0.020" nominal thickness (interior and exterior to ensure flatness)
- › Polyethylene core available in 3mm, 4mm and 6mm thicknesses (PE)
- › Proprietary fire-resistant core available in 4mm thickness only (Plus)

Sheet Widths

- › Standard coil coated widths 50" and 62"
- › Standard anodized widths 62"
- › Custom width 40"

Sheet Lengths

- › Standard lengths 146" and 196"
- › Custom lengths up to a maximum of 360"

Minimum Bending Radius

- › The minimum bending radius of Alucobond 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
	3mm	4mm	6mm	4mm 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

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)

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.