



AMERICAN  
BUILDING  
COMPONENTS



# Commercial

METAL ROOFING



# Improving Businesses Since 1908

The future of the commercial building industry is being built now at American Building Components. More than just a product provider, ABC adds value and dependability you can count on throughout the life of your project. Our vast range of products (including our reflective, energy-efficient cool roof coating), paint colors and warranties is designed to meet all of your metal building needs. In addition, the insight and personal investment we offer ensures you receive the support you need to get the most value from your projects.

## Energy Efficiency

Metal roofs from ABC are coated with ENERGY STAR® qualified paint to meet the requirements of the Cool Roof Rating Council. When properly designed and installed, a cool metal roof can absorb up to 34 percent less heat than asphalt shingles, reducing energy consumption and providing an immediate return on your investment.

ABC metal roofing is recognized for its durability and resistance to inclement weather, protecting your business against wind, hail, ice, snow and fire. Our metal roof panels are covered by Underwriters Laboratories (UL) Class A Fire, UL 90 wind uplift and Class 4 UL Impact Resistance (hail) ratings.

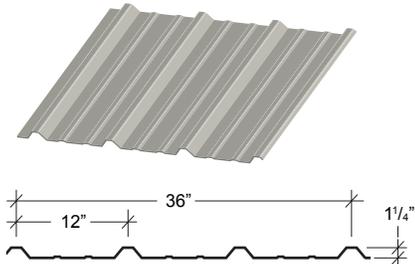
## Quality

Each strategically placed ABC plant across the U.S. works as part of a team that streamlines manufacturing between our regional, territory and sales managers. A proud member of the NCI Building Systems family of companies, ABC draws significant product development and distribution strength from an extensive network of partner companies and offers some of the best warranties in the industry. Our priority is your satisfaction, and we strive to give you countless economic benefits as well as the peace of mind that ABC can prolong the life of your roof and improve the value of your building.

# Panel Options

## PBR

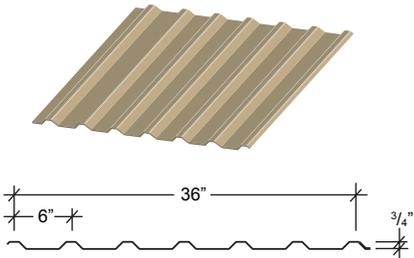
Known for versatility in multiple applications, including commercial and residential, ABC's PBR panel is made only with the highest quality metal to ensure durability and protection for all building solutions. PBR is available with Drip Stop technology—a unique solution that protects the underside of metal panels from condensation and water damage.



**Applications:** Roof and Wall  
**Coverage Width:** 36"  
**Rib Spacing:** 12"  
**Rib Height:** 1 1/4"  
**Minimum Slope:** 1/2:12  
**Panel Attachment:** Exposed Fastening System  
**Gauges:** 22, 24, 26 and 29  
**Coatings:** Galvalume Plus®, Signature® 200, Signature® 300  
**Paint Systems:** Commercial/ Industrial

## PBU

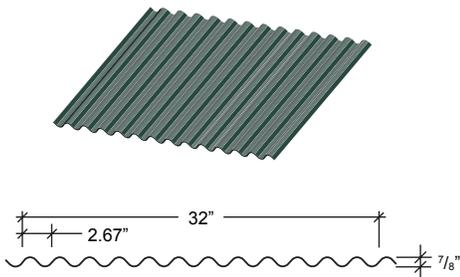
Uniquely versatile, ABC's PBU panels can be used in both horizontal and vertical applications, giving building projects a contemporary, more symmetrical appearance. PBU is the popular choice for builders constructing for multiple end-uses.



**Applications:** Roof and Wall  
**Coverage Width:** 36"  
**Rib Spacing:** 6" on Center  
**Rib Height:** 3/4"  
**Minimum Slope:** 1:12  
**Panel Attachment:** Exposed Fastening System  
**Gauges:** 22, 24, 26 and 29  
**Coatings:** Galvalume Plus®, Signature® 200, Signature® 300  
**Paint Systems:** Commercial/ Industrial

## PBC

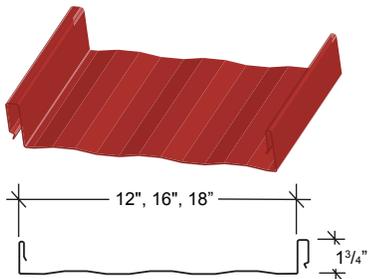
Attached to a building using exposed fasteners, the PBC panel by ABC is popular for structures with numerous uses and functions. In addition to preserving the excellent durability that every ABC panel offers, the PBC panel provides stability while remaining easy to install.



**Applications:** Roof and Wall  
**Coverage Width:** 32"  
**Rib Spacing:** 2.67"  
**Rib Height:** 7/8"  
**Minimum Slope:** 3:12  
**Panel Attachment:** Exposed Fastening System  
**Gauges:** 22, 24, 26 and 29  
**Coatings:** Galvalume Plus®, Signature® 200, Signature® 300  
**Paint Systems:** Commercial/ Industrial

## LokSeam®

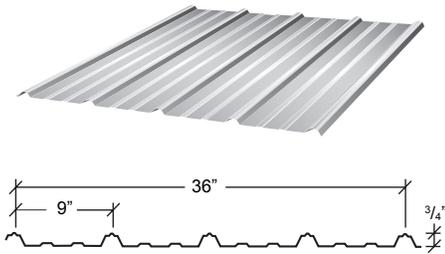
Blending the aesthetics of an architectural panel with the strength of a structural panel, LokSeam® panels provide durability, energy-efficiency and confidence to any light commercial application.



**Application:** Roof  
**Coverage Widths:** 12", 16" and 18"  
**Minimum Slope:** 3:12  
**Panel Attachment:** Concealed Fastening System  
**Gauges:** 22, 24 and 26 (12" width only)  
**Coatings:** Galvalume Plus®, Signature® 200, Signature® 300  
**Paint Systems:** Commercial/ Industrial, Premium

## Imperial Rib®

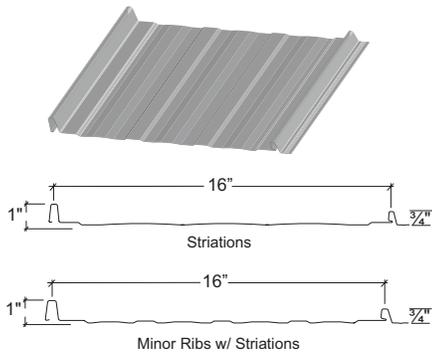
ABC understands how critical it is to have a roof that not only prolongs the life of the building, but protects it in all weather conditions. A versatile and attractive panel profile, Imperial Rib® is ABC's most popular panel. Further protect your investment against moisture that can condense under metal panels and cause water damage with Drip Stop technology.



**Applications:** Roof and Wall  
**Coverage Widths:** 36"  
**Rib Spacing:** 9"  
**Rib Height:** ¾"  
**Minimum Slope:** 3:12  
**Panel Attachment:** Exposed Fastening System  
**Gauges:** 26, 29 and 30  
**Coatings:** Galvalume Plus®, Signature® 200, Galvanized  
**Paint Systems:** Premium, Select 40, Econo 20, Commodity

## SL-16®

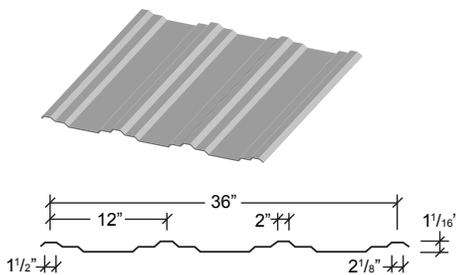
Manufactured to deliver a clean, linear elegance combined with unparalleled quality, the SL-16® panel from ABC continues to be a favorite among the commercial applications for its versatility and ease of installation.



**Applications:** Roof  
**Coverage Widths:** 16"  
**Rib Height:** 1"  
**Minimum Slope:** 3:12  
**Panel Attachment:** Concealed Fastening System  
**Gauges:** 26 and 29  
**Profiles:** Striations & Minor Rib Striations (standard); Striations or Minor Rib Striations only (optional)  
**Coatings:** Galvalume Plus®, Signature® 200  
**Paint System:** Premium

## Retro-R®

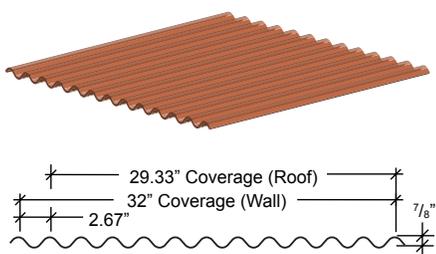
The Retro-R® Panel is an excellent choice for builders looking to prolong the life of their structures. Retro-R panels allow the existing roof to stay in place during installation, saving on labor costs while minimizing the chance for water entry into the building ensuring a safer work environment.



**Applications:** Roof and Wall  
**Coverage Width:** 36"  
**Rib Spacing:** 12"  
**Rib Height:** 1 1/16"  
**Minimum Slope:** ½:12  
**Panel Attachment:** Exposed Fastening System  
**Gauges:** 26 and 29  
**Coatings:** Galvalume Plus®, Signature® 200  
**Paint System:** Premium

## Rustic Trail

The Rustic Trail panel features the vintage appearance of weathered steel that deepens in color over time while providing superior protection to your home or building. Designed to naturally oxidize, Rustic Trail panels provide a picturesque southwestern aesthetic that many have come to love.



**Applications:** Roof and Wall  
**Coverage Widths:** 32" wall, 29.33" roof  
**Rib Spacing:** 2.67"  
**Rib Height:** 7/8"  
**Minimum Slope:** 3:12  
**Panel Attachment:** Exposed Fastening System  
**Gauges:** 22  
**Coatings:** Unpainted and uncoated, cold rolled steel  
**Paint System:** Not Applicable

# Commercial/Industrial Color Chart

Final color selection should be made from metal color chips.

- For the most current information available, visit our website at [www.ABCmetalroofing.com](http://www.ABCmetalroofing.com).
- See the product selection chart for gauge and finish availability.
- All products are available in smooth or embossed finish.
- Trim is available in all colors.
- Review the sample warranty for complete performance attributes, exceptions, and terms and conditions.

## Signature<sup>®</sup> 200

STANDARD COLORS  
26- AND 24-GAUGE MATERIAL

### Siliconized Polyester

Polar White is a Straight Polyester.

\* Also available in 29-gauge

† Minimum quantities and/or extended lead times required for 24-gauge. Please inquire.



HAWAIIAN BLUE †★



CRIMSON RED †



FERN GREEN †



BURNISHED SLATE †★



SOLAR WHITE †



ASH GRAY ★



SADDLE TAN ★



DESERT SAND ★



KOKO BROWN ★



POLAR WHITE\*★



CHARCOAL GRAY †★



COBALT BLUE †★



RUSTIC RED ★



LIGHT STONE ★

## Signature<sup>®</sup> 300

STANDARD COLORS  
26-GAUGE MATERIAL

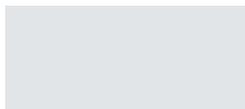
### Polyvinylidene Fluoride (PVDF); Low Gloss

\* Also available in 24-gauge

† Minimum quantities and/or extended lead times may be required. Please inquire.



MEDIUM BRONZE\*★★



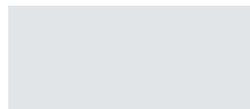
SNOW WHITE\*★★



SLATE GRAY †★★



ALMOND\*★★



BONE WHITE †★★



CLASSIC GREEN †★★



BROWNSTONE\*★★



BRITE RED †★★



HARBOR BLUE †★★



★ ENERGY STAR<sup>®</sup> Qualified  
★★ ENERGY STAR<sup>®</sup> Qualified through MCCI

# Warranty Options

Premium

ABC Premium paints and panels are the gold standard of the metal roofing industry. Manufactured at a .015 minimum 29-gauge with many colors to choose from, this product has a 40-year film integrity paint warranty, making it the perfect metal building material for your light-gauge roofing or building needs. Contact your local sales manager or visit [www.abcmetalroofing.com](http://www.abcmetalroofing.com) for alternate warranty options.

Galvalume®

Our Galvalume® and Galvalume Plus® coating options underscore our dedication to providing the highest quality metal panels. In addition to the 25-year limited paint system warranty that comes with Galvalume®, findings from studies conducted by the Metal Construction and Zinc Aluminum Coaters associations show the expected life span of a low-slope unpainted Galvalume® standing-seam roof is more than 60 years.

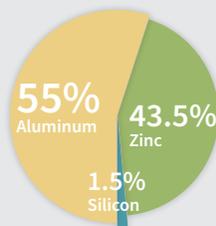
## Why Galvalume®?

Galvalume® is a specialized combination of aluminum, silicon and zinc which is applied to a steel substrate through a patented hot-dip process.

**55% Aluminum** The barrier protection and long-term durability of aluminum

**43.5% Zinc** The sacrificial (galvanic) protection of sheared edges that is characteristic of zinc

**1.5% Silicon** Has a minimal impact on the overall nature of the coating microstructure yet has a major impact on the alloy metal



The result is a highly corrosion-resistant sheet steel that delivers the optimum features of aluminum, zinc and silicon.

## Galvalume® vs. Galvanized

Galvalume® and Galvalume Plus® contain an aluminum-rich dendritic structure which helps to inhibit the corrosion rate up to four times better than the galvanized G-90.

**Prepainted Galvalume®** exhibits different corrosion behavior along the drip edge compared to Galvanized. The zinc-rich areas tend to sacrifice preferentially, leaving an aluminum-rich phase to retain the bond with the paint and hold the products of corrosion in place to slow the rate of undercutting corrosion.

**Prepainted Galvanized G-90** sufficient zinc corrosion, along with loss of paint to the strip edge, results in a lack of protection to the steel edge and surface.

Signature® 200

Our Signature® 200 Paint System represents one of the most sophisticated silicone polyester coatings available. It offers optimum exterior protection, and resistance to chemical corrosion and ultraviolet radiation. The Signature® Series comes with 40-year film integrity warranty protection for all ABC panels in Premium colors.

## Fade

Fading is caused when substances in the environment attack the pigment in paint and cause the color to change. The right pigment is critical in formulating a finish that will resist fading. Signature® 200 paint only uses ceramic or inorganic pigments, the durability of which has been proven over hundreds of years of use in porcelain and ceramic products.

## Chalk

The stronger the resin, the more resistant it is to the sun and the environment. Chalking is caused by degradation of the resin system at the surface of the finish, due predominantly to ultraviolet (UV) rays. As the resin system breaks down, resin particles take on a white, chalky appearance, as embedded pigment particles lose their adhesion to the film. Signature® 200 paint incorporates a 30 percent SMP Resin, one of the strongest in the marketplace.



## Positive Partnership

ABC's partnership with paint provider Valspar allows us to provide a high quality paint system, as well as access to multiple coating facilities so we can match and deliver any paint or custom color. All of Valspar's paints are graffiti resistant, assuring that you can maintain your building's beauty against unwanted spray paint, marker, shoe polish and other permanent products.

## Delivery

Our commitment to quality and service extends beyond the products we deliver. Our goal is complete customer satisfaction on every project from start to finish, which is why each job is tracked internally by the most knowledgeable staff in the industry. After your order is properly packed and weighed for safe transportation, our fleet of delivery trucks provide accurate and on-time delivery to any location.

ABC's numerous manufacturing facilities and supply chain equips us with the tools necessary to deliver the highest quality steel, paint system and service in the industry. From our .015 steel minimum panels, which are available in a wide array of styles, to our Signature® 200 paint system that allows you to match any custom paint you have, ABC offers priceless value and peace of mind. Not only are you investing in the highest quality metal panels and accessories, but you are buying from a nationally recognized and trusted company.





**ABCMetalRoofing.com**

- Adel, GA 877.595.6604
- Lubbock, TX 877.695.0477
- Memphis, TN 877.774.0157
- Mount Pleasant, IA 877.768.9460
- Nicholasville, KY 877.780.2119
- Oklahoma City, OK 877.795.4399
- Omaha, NE 877.804.3230
- Phoenix, AZ 877.774.6219
- Rome, NY 877.785.0821
- Salt Lake City, UT 877.814.1419

Descriptions and specifications contained herein were in effect at the time this publication was approved for printing. In a continuing effort to refine and improve products, American Building Components reserves the right to discontinue products at any time or change specifications and/or designs without incurring obligation. To ensure you have the latest information available, please inquire or visit our website at [abcmetalroofing.com](http://abcmetalroofing.com).