



Agricultural
METAL ROOFING



Building Relationships Since 1908

For more than 100 years, we at American Building Components® have worked side by side our customers to cultivate relationships and develop a deep understanding of the agricultural industry. We have taken the time to learn both our customers' needs and their businesses, which is why we manufacture only the highest quality metal roofs. The toughness and low maintenance requirements of ABC metal roofing makes it an ideal fit for the demanding nature of agricultural buildings. Through a nationwide network of manufacturing facilities and distributorships, ABC provides complete roofing and building solutions, including an extensive line of standard trims and accessories. However, we believe it is ABC's insight and personal touch that offer the greatest value.

Energy Efficiency

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

Metal roofs from ABC with a painted finish are Cool Roof compliant through the CRRC-1 Program. When properly designed and installed, a cool metal roof can absorb up to 34% less heat than asphalt shingles, which reduces energy consumption and provides an immediate return on your investment.

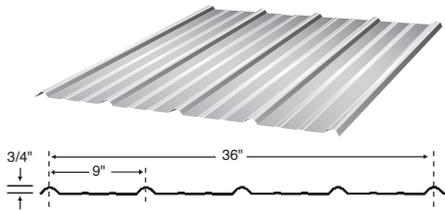
Quality

Each strategically placed ABC plant throughout 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 Group 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 improve the value of your building and prolong the life of your roof.

Panel Options

MasterRib®

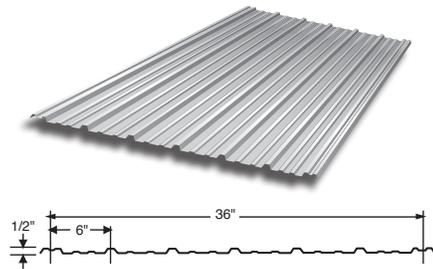
ABC understands how critical it is to business owners to have a roof that not only prolongs the life of the building, but protects in all weather conditions. A versatile and attractive panel profile, MasterRib is ABC's most popular panel. Further protect your investment with Drip Stop technology. Drip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



Applications: Roof and Wall
Coverage Widths: 36"
Rib Spacing: 9" on center
Rib Height: 3/4"
Minimum Slope: 3:12
Panel Attachment: Exposed Fastening System
Gauges: 29 (standard); 26 (optional)
Finishes: Smooth (standard); Embossed (optional)
Coatings: Galvalume Plus®, Signature® 200

Ameri-Drain®

ABC's standard for quality is evident in its long-trusted Ameri-Drain® panel. As one of the most popular metal panels in the industry, Ameri-Drain® blends durability with tradition, and is consistently chosen as the preferred roofing option.

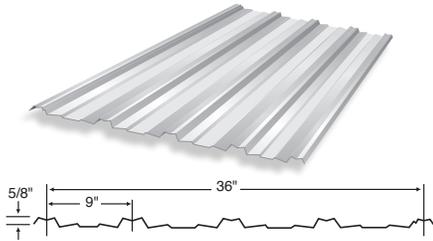


Applications: Roof and Wall
Coverage Widths: 36"
Rib Spacing: 6"
Rib Height: 1/2"
Panel Attachment: Exposed Fastening Metal Panel
Gauges: 29 and 26
Coatings: Galvalume Plus®, Signature® 200



Monarch Rib®

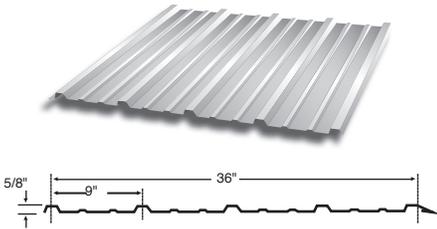
ABC knows that rural settings require an economical and durable roof solution, which is why we offer the Monarch Rib® panel. As one of the most trusted panels available, Monarch Rib® gives agricultural professionals the high quality and performance they need.



Applications: Roof
Coverage Width: 36"
Rib Spacing: 9"
Rib Height: 5/8"
Panel Attachment: Exposed Fastening System
Gauges: 29 and 26
Coatings: Galvalume Plus®, Signature® 200

Perma-Clad®

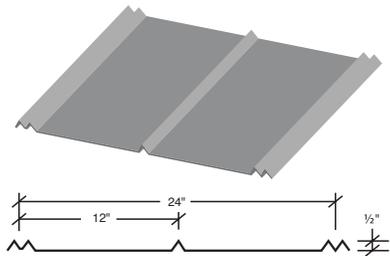
ABC's Perma-Clad® metal panels are designed for the unique needs of the agricultural and post-frame industries, providing years of beauty and reliability. Perma-Clad® offers excellent durability in all types of weather including rain, wind and snow, making this panel the panel of choice for farmers and residents alike.



Applications: Roof and Wall
Coverage Width: 36"
Rib Spacing: 9" on Center
Rib Height: 5/8"
Panel Attachment: Exposed Fastening System
Gauges: 29 (standard); 26 (optional)
Finishes: Smooth (standard)
Coatings: Galvalume Plus®, Signature® 200

5V Crimp

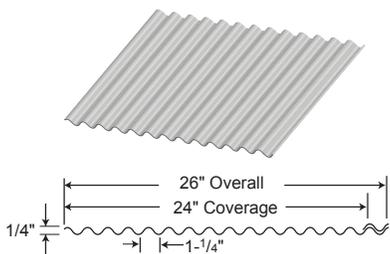
5V Crimp is a popular aesthetically-pleasing solution for agricultural applications. The 5V Crimp panel is one of the oldest and most trusted metal panels available, backed by quality materials and more than 100 years of successful design. ABC knows the importance of your investment and promises to give you years of reliability.



Applications: Roof
Coverage Width: 24"
Rib Spacing: 12" on Center
Rib Height: 1/2"
Minimum Slope: 3:12
Panel Attachment: Exposed Fastening System
Gauges: 29 (standard); 26 (optional)
Finishes: Non-Striated, Striated
Coatings: Galvalume Plus®, Signature® 200

1 1/4" Corrugated

With the reputation of strong ridges and uncompromising stability, the 1 1/4 Corrugated panel is the preferred option for builders who value exceptional quality. Resilience that has only grown with time, the 1 1/4 Corrugated panel will always stay in style whether you are working in the residential, commercial, agricultural or post-frame industry.



Applications: Roof and Wall
Coverage Widths: 24"
Rib Height: 1/4"
Panel Attachment: Exposed Fastening System
Gauges: 29, 26
Coatings: Galvalume Plus®, Signature® 200

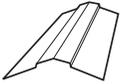
Trim Application

ABC offers one of the broadest selections of post-frame trim applications, with the capability of matching soffits and gutters and manufacturing trim in 20 feet lengths.

For use with 29-gauge thru-fastener panels. Refer to installation guide for details.

Contact your sales manager or visit abcmetalroofing.com for details.

LG 101 PLAIN RIDGE CAP



LG 104 NOTCHED ENDWALL FLASHING



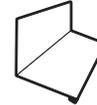
LG 105 NOTCHED UPPER GAMBREL FLASHING



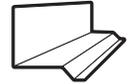
LG 106 NOTCHED LOWER GAMBREL FLASHING



LG 107 DENVER ENDWALL FLASHING



LG 108 SIDEWALL FLASHING



LG 109 DENVER SIDEWALL FLASHING



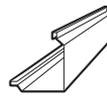
LG 110 BASE TRIM



LG 111 SQUARE BASE ANGLE



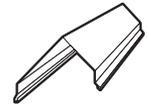
LG 113 CORNER TRIM



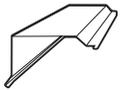
LG 115 INSIDE CORNER



LG 117 RAKE TRIM



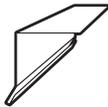
LG 118 DENVER GABLE



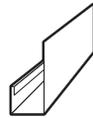
LG 119 EAVE FLASHING



LG 120 DENVER EAVE TRIM



LG 123 "J" CHANNEL



LG 125 9/16" DOOR JAMB



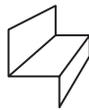
LG 126 DOOR POST TRIM



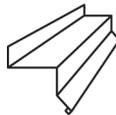
LG 129 WINDOW DRIP CAP



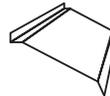
LG 130 SLIDING DOOR DRIP CAP



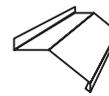
LG 131 NATIONAL DOOR TRACK COVER



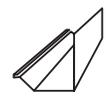
LG 132 COMBO TRACK COVER



LG 133 TOP MOUNT TRACK COVER



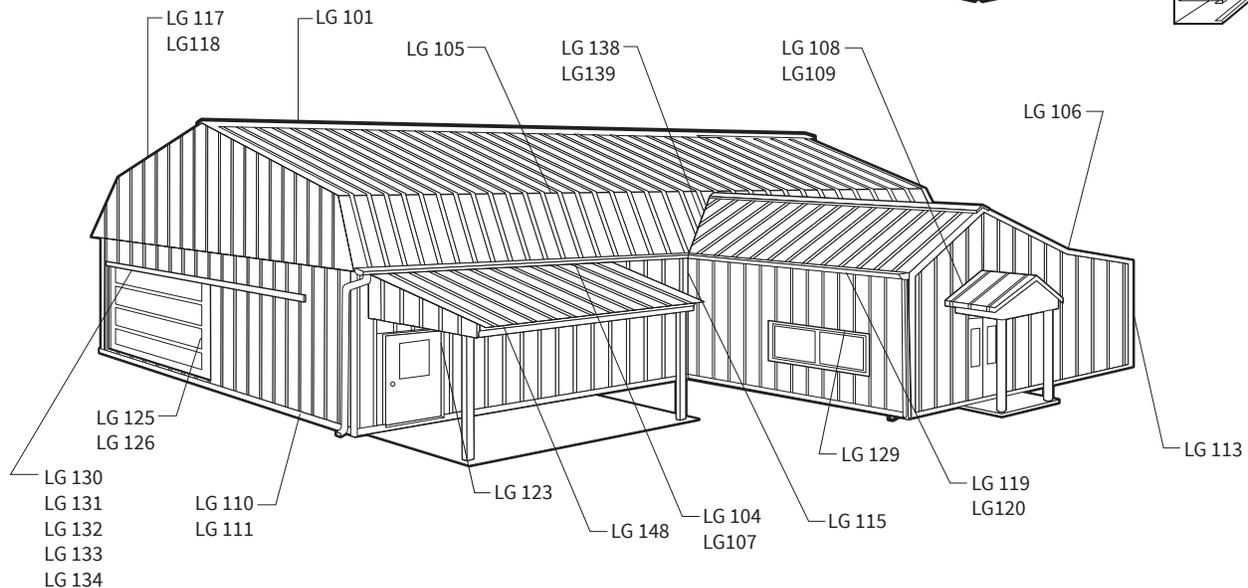
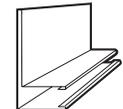
LG 134 TRACK DOOR JAMB TRIM



LG 138 / LG 139 "W" FORMED VALLEY



LG 148 "F" CHANNEL



Warranty Options



Premium

ABC Premium paints and panels are the gold standard of the metal roofing industry. Manufactured with 29 gauge steel in a variety of colors to choose from, Premium panels are backed with a 45-year paint warranty with 30-year chalk & fade coverage. You won't find a better metal building material for your light gauge roofing or building needs than our premium panel.

Galvalume®

Our Galvalume Plus® panels feature an acrylic coating over a durable Galvalume surface to maximize longevity in the field. In addition to the 40-year limited warranty for unpainted Galvalume Plus panels, the Metal Construction Association and the Zinc Aluminum Coaters Association released a recent study that shows the expected life span of a low-slope unpainted Galvalume standing seam roof is over 60 years.

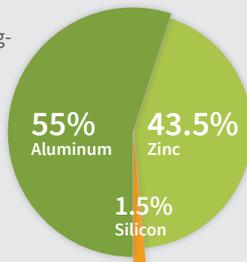
Why Galvalume®?

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 very small 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® contains 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 a 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 Paint System

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. Signature Series comes with 45-year warranty protection for all ABC panels in every available color.

Low Quality vs. High Quality

Fade

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

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 (chalking) appearance, as embedded pigment particles lose their adhesion to the film. Signature® 200 paint incorporates a 30% SMP Resin, one of the strongest in the marketplace.

Positive Partnership

ABC partners with a high quality paint system supplier and multiple coating facilities, so we can match and deliver any paint or custom color. Durable painted finishes offer ease of maintenance and lasting beauty.

Delivery

ABC's commitment to quality and service extends beyond the product itself. 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 to deliver the highest quality steel and paint system and the best service in the industry. From our .015 steel panels, available in a wide array of styles, to our Signature® 200 custom paint system, ABC offers immeasurable value and peace of mind. Not only are you investing in the highest quality metal panels and accessories, you are buying from a nationally recognized and trusted company. Put ABC to work on your next building project.



