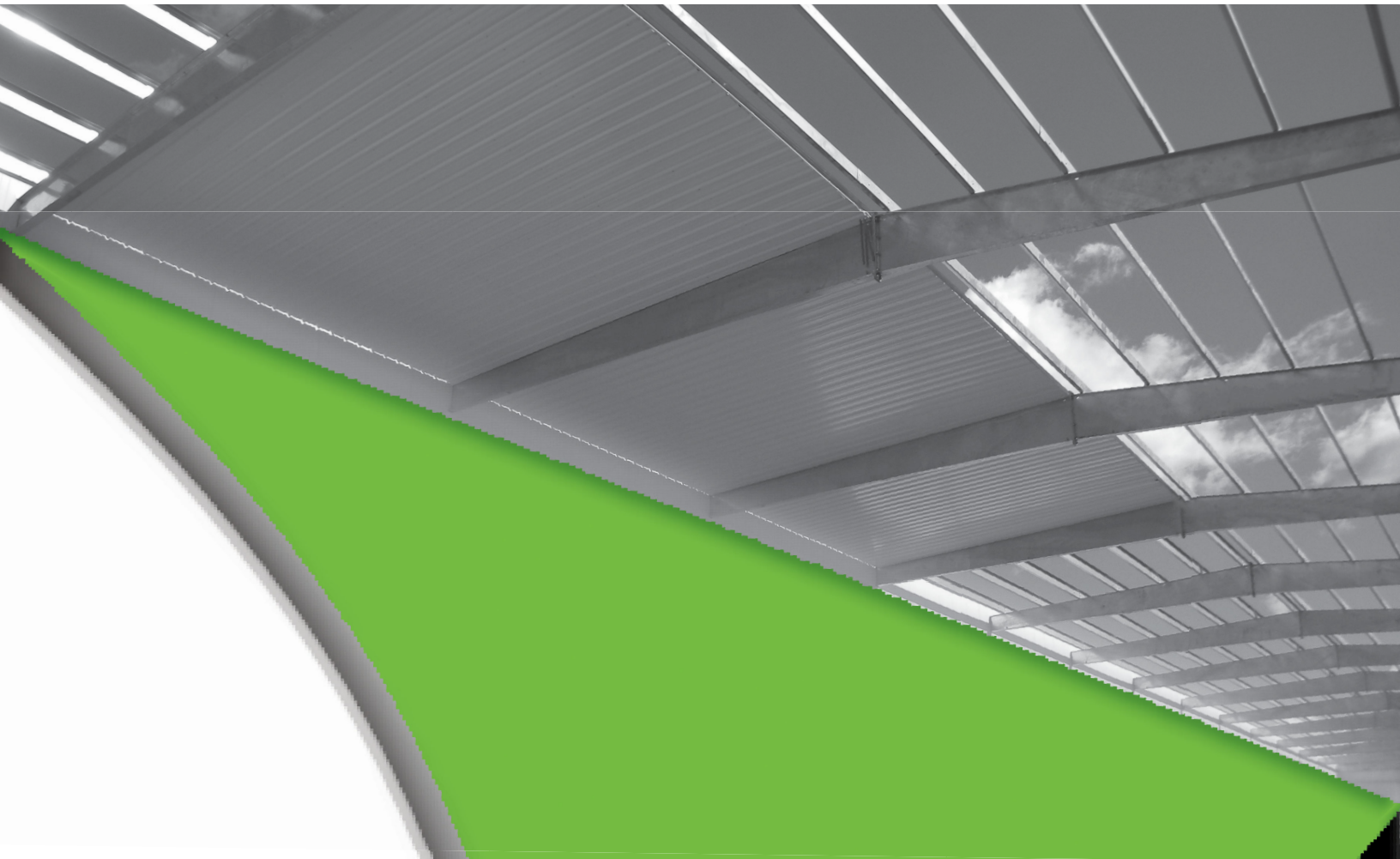


Building Trust in Steel.™

www.Corle.com

CORLE™
BUILDING SYSTEMS

John Corle

Our Contractor Heritage

Corle Building Systems are contractor-friendly metal buildings because they are designed and manufactured from a contractor's perspective. Long before we became a manufacturer, we were a metal building contractor. We knew there had to be a better way to engineer and erect metal buildings. To that end, we built a state-of-the-art plant that combined design features from the construction trades with streamlined manufacturing techniques. The discipline of IAS AC472 accreditation (U.S.) and CSA-A660 (Canada) certified quality is evident from start to finish. The end result is the strongest, most efficient and most corrosive resistant metal buildings on the market today. Corle buildings set the industry's benchmark for quality.

We make it possible for builders to provide competitive pricing, fast construction, and on-time completion by delivering complete building systems. We design and manufacture rigid frame clear span buildings of all sizes. Our projects range from manufacturing plants, commercial buildings, and warehouses, to schools, churches, and recreational facilities, to airplane hangars, climate-controlled facilities, and other multi-use structures. No building is too large or too complex for us. Every Corle building is built on a foundation of personal service that has become our hallmark.

The Corle Difference

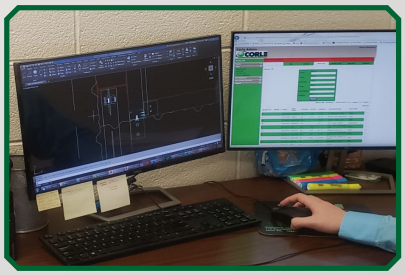
- **Anchor Bolt Drawings to you in just 2 to 3 days! ***
- **Drawings to you in just 4 to 5 days! ***
- **Delivery in 4 weeks! *** (*Depending on complexity)
- Guaranteed on-time delivery and outstanding customer service.
- Quality Certifications: IAS AC472 (U.S.), CSA-A660 (Canada)
- Modern, state-of-the-art manufacturing facility.
- Committed to providing environmentally friendly products.
- Galvanized purlins, girts and door jambs for superior metal protection.
- Extended bays up to 50 feet.
- Factory-applied clips - fewer loose parts, faster erection times.
- Trinar® 40-Year Limited Warranty finish wall panels for lasting appeal and lower maintenance costs.
- Corle Cool Color™ roof panels - Saves money, good for the environment.
- Recently refreshed, easy to use sites... **www.corle.com** & **www.corlecomponents.com**
- Corle QuickQuote™ web-based quote/order program.
- Corle QuickColor™ on-line building and trim color preview application.
- Corle QuickComponents™ - order quality metal building components Online.

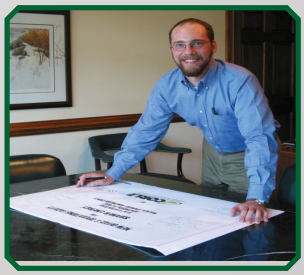
CORLE™ BUILDING SYSTEMS

Corle Production Facility

The state-of-the-art Corle Building Systems manufacturing facility is located in the Central Pennsylvania community of Imler. Our certified experts and master skilled workers use the most recent advances to create a combination of high-quality metal structures, wall panels and standing seam roof systems.

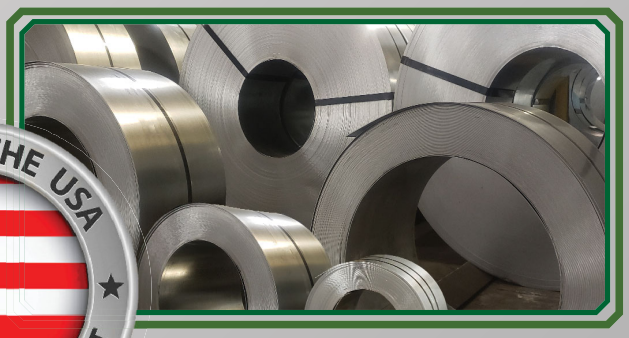
Our facility is designed for maximum proficiency, essentially expanding Corle's production capacities and diminishing lead times to exceed our consumer's needs.





CORLE green

Our durable metal buildings are 100% **Made in the USA**. All of our steel is designed and tested to the highest standards of quality, ensuring compliance with all relevant construction codes.



Corle Building Systems designs for a wide spectrum of residential and commercial projects including Athletic Facilities, Agricultural Storage, Barns, Airplane Hangars, Workshops, RV Storage, Military Buildings, Government Buildings, Industrial Storage, Hay Storage, Commercial Warehousing, Machine Sheds, Garages, Shop Buildings and all other types of steel buildings.

CORLE™ BUILDING SYSTEMS

Corle's Multi-Station Paint Line

The line consists of a large track system that transports steel through the Wheelabrator Shot Blaster before sending it through the Global Finishing Systems paint booth. Paint is applied using an electrostatic process. Once painted, the steel travels through the cure oven, providing a long lasting, high-quality finish.

This energy-efficient, environmentally-friendly process utilizes filtering and booth containment processes, improving product quality and reducing painting and drying time.

Through continuous modernization and growth, utilization of new technologies and finding new ways to improve production line efficiency, Corle continues to demonstrate its commitment to providing its customers with the highest quality products and best value possible.

Environmentally-Friendly Premium Gray Primer

All Corle mainframes are coated with a premium quality environmentally friendly metal primer to create a uniform finish that offers excellent corrosion resistance, early water resistance, and no flash point.

"Corle Gray" compliments the galvanized secondary members, like the metallic low-spangle, galvanized purlins and girts, and frequently eliminates the need for painting.

Galvanized Plated Purlin, Girts and Door Jambs Extend Building Life With Better Rust Protection

All galvanized substructures are protected with a G-60 galvanized coating with chem-treat, resulting in better protection, which extends the life of your finished product. Corle galvanized plated materials are tested in accordance with ASTM-117 to withstand over 100 hours of salt spray (many times the corrosion protection of red oxide primers).

Factory-Applied Clips

All of our clips for purlins and girts on Corle buildings are pre-welded in-plant and precisely placed with zero tolerance for error, resulting in dimensionally correct alignment. The clips are welded by skilled, AWS certified welders, eliminating extra fitting of parts in the field and reducing the chance of misplaced or misaligned parts. It also saves time and money through faster, more accurate erection.

Framing Systems to Fill Every Building Requirement

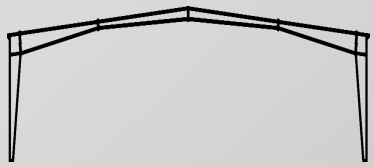
The strength and durability of Corle buildings give you greater design options. We can provide you with gable roofs, single-slopes, clear spans, multi-spans, and other rigid frames.

When choosing one of Corle's frames, you receive:

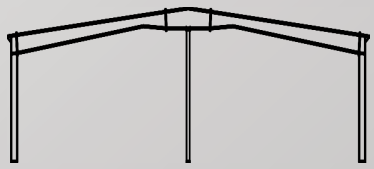
- Great appearance.
- Design and size flexibility.
- Efficient design capabilities.
- Economical start-up cost.
- Fast construction.
- Permanence with non-combustible materials.
- Load requirements designed to fit your needs.
- A finished look, with all structural steel, shop-coated with gray oxide primer.

Standard frame profiles include:

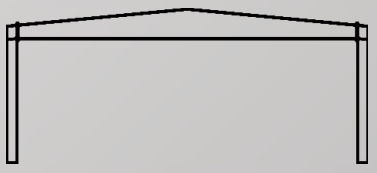
- Rigid Frame (RF)
- Tapered Beam (TB)
- Single Slope (SS)
- Lean-to (LT)



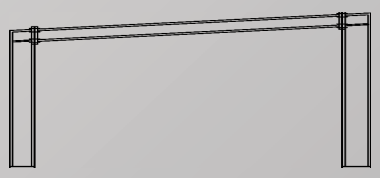
Rigid Frame (RF)



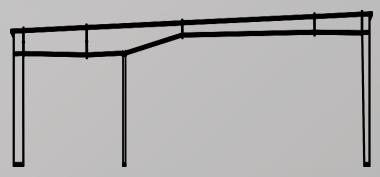
Rigid Frame Multi-Span (RF-1)



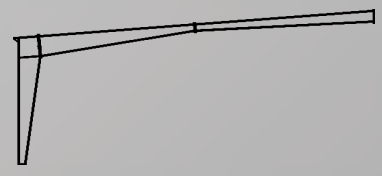
Tapered Beam (TB)



Single Slope (SS)



Single Slope Multi-Span (SS)

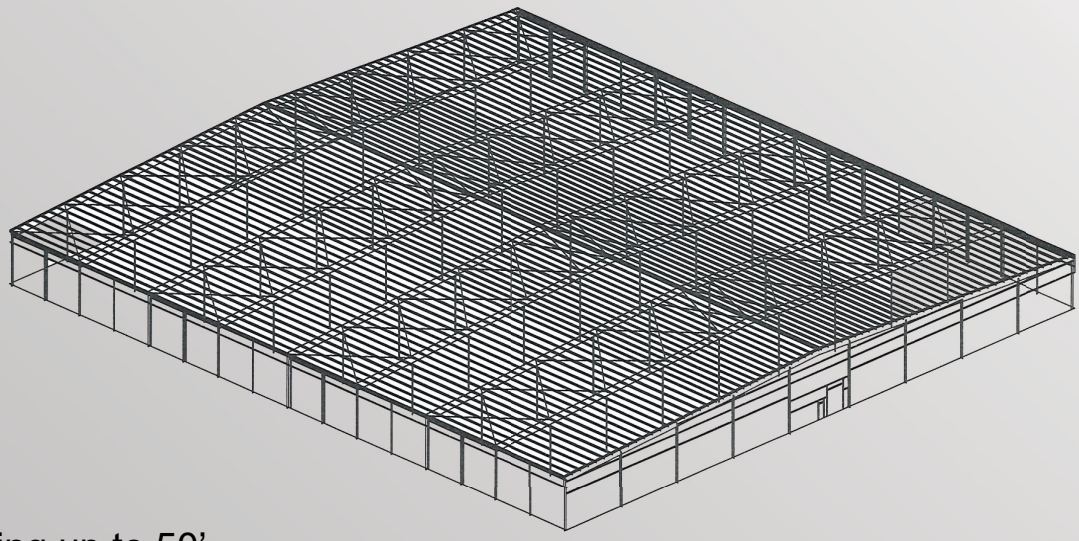


Lean-to (LT)

Extended Bays Up to 50 Feet

Corle offers Extended Bays for buildings requiring large areas of open floor space and a minimum number of columns, providing a clean, uncluttered interior. We provide open web joists designed to function as an integral part of the pre-engineered system. Joists are suitable for the support of floors, roof decks, and standing seam roofs. Joists are generally more economical when bay sizes are wider than 30', or when roof loads are excessive.

Extended bays can integrate with other Corle Building System products and are adaptable to virtually any type of roof and wall system.



Features:

- Bay spacing up to 50'
- Fast, Economical Erection
- Optimize Column Locations and Bay Spacing
- Available with Standing Seam Roof Panels
- Use with B-Deck, Built-Up and Single Ply, or Standing Seam Roof
- Design Flexibility

Benefits:

- IAS AC472 Accreditation (US)
- CSA-A660 Certification (Canada)
- Easy Erection
- Cost Savings
- Bolts to Main Frame
- Spans up to 50'

ACCREDITED USA

QUASAR CERTIFIED CSA A660 Canada

FM APPROVED

CLASSIFIED UL

Environmentally Friendly "COOL ROOF"

Corle CoolColor™ panels are manufactured with reflectiveTrinar ® on 70% paint. Durable Trinar® on Corle CoolColor™ panels.

Authorized Corle Independent Builders provide their customers the benefi tsoflowerenergycosts,increasedrooflifeexpectanciesandsuperiorroof color choices, the comfort of our 40-year limited warranty, and a cooler, cleaner, "Greener" environment for all of us.

Colors that meet **Cool Roof** solar reflectance requirements are:

Low Slope (less than 2:12):
- Arctic White

High Slope (greater than 2:12)
-Arctic White
-Parchment
-Buckskin Tan
-Antique Red
-Ash Gray
-Light Stone

Wall and Roof Panel Colors

When you choose Corle 'R', 'A', Seam Lok, Vertical Lok, 24 or 26 gauge panels for commercial or industrial buildings, you can also choose from a selection of twelve (12) great high-quality Trinar® colors. All Corle trim is available in the same colors at no extra charge.

Trinar® Color selections

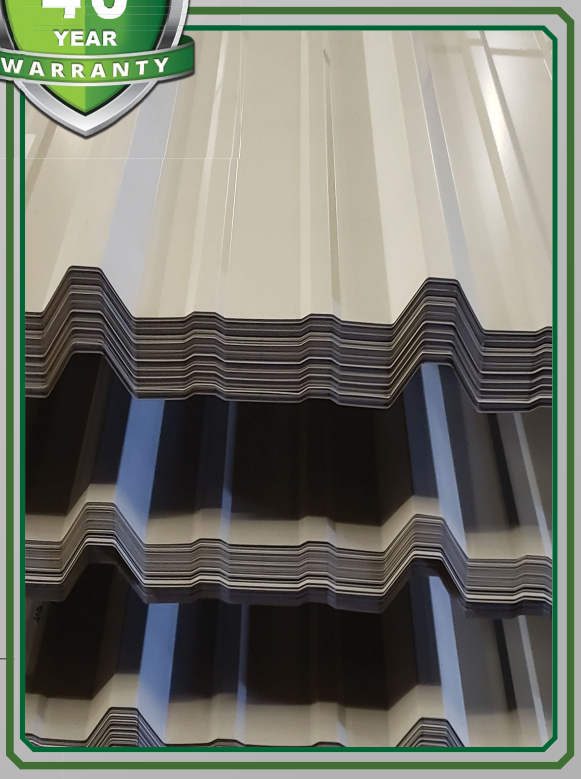
*Colors that meet "Cool Roof" requirements.

02 - SLATE BLUE
03 - ARCTIC WHITE*
04 - CHARCOAL GRAY
05 - BUCKSKIN TAN*
06 - BURNISHED SLATE
07 - PARCHMENT*
08 - EVERGREEN
09 - ASH GRAY*
10 - ANTIQUE RED*
11 - CHOCOLATE BROWN
12 - HARBOR BLUE
13 - LIGHT STONE*

New Color!
Ceram-A-Star® 1050 "Bright Red" Paint Finish is now available. Visit our website for complete warranty information.

*This is not a Trinar color and does not offer the same warranty.

40 YEAR WARRANTY



Color swatches are only reproductions of actual standards and will vary in appearance.
These representations should not be used to finalize color selection(s).

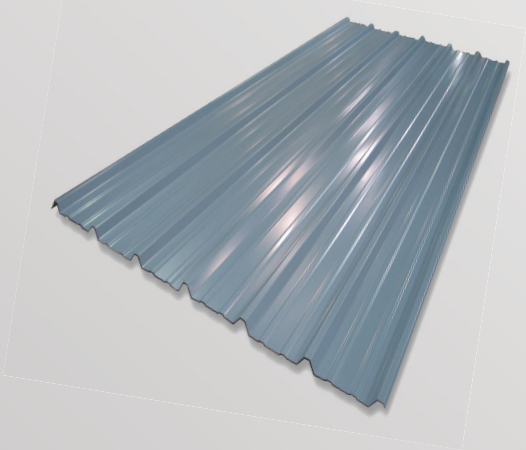
Corle Panel Warranties

Trinar® 40-Year Limited Warranty Finish Standard

Better Curb Appeal and Longer Life Buildings

All Corle panels are produced in Premium Trinar® long life fluoropolymer finishes and carry our 40-year color warranty. We also produce our own matching gutter and downspout systems. At Corle, it's the details that make the difference, with quality finished products creating greater owner appeal.

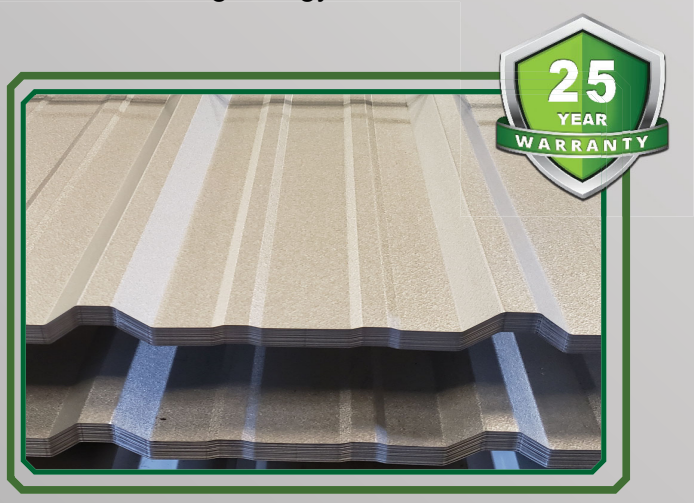
- Excellent UV resistance
- Excellent heat resistance
- Excellent chemical resistance
- Unparalleled gloss and color retention
- Uses only the highest quality ceramic and inorganic pigments for the finest metal finish available
- Resists chalking, fading, chipping, and cracking
- Resists staining due to airborne pollutants



Galvalume Plus™ 25-Year Limited Warranty

Galvalume Plus™ is a 55% aluminum-zinc coated steel that provides extra corrosion protection. Installation of these panels can save you up to 40% of cooling energy and emits heat absorbed during the day.

- Most Cost Effective
- Energy Saver
- Superior Corrosion Resistant
- Long Lasting
- Bright Appearance



Corle Premium Panels

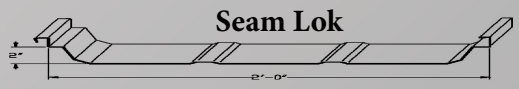
Corle Building Systems offers a multitude of roof, wall, and interior liner panel profiles to meet the needs of today's agricultural, commercial, industrial, and residential requirements. Panel selection includes several options for both roof and wall. Panels are manufactured from GR-80 Galvalume substrate with thicknesses of 22, 24 and 26-gauge for exterior sheeting and 26 and 29-gauge for interior sheeting. Galvalume is a high quality cold-rolled sheet steel with a corrosion resistant metallic coating of aluminum and zinc. In addition, panel striations are available in the vertical leg systems. To ensure that any exposed fastener will last as long as the roof, our standard offering is a zinc aluminum fastener.

ROOF PANELS

Seam-Lok Premium Standing Seam Roof System

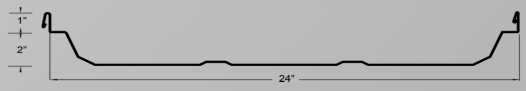
All Corle buildings are manufactured with field-seamed, standing seam roof systems that are mechanically seamed trapezoidal roof panels designed for low slope industrial applications. They are manufactured from 24-gauge galvalume substrate with 3" nominal seam height and are UL rated and FM approved. The roofing systems utilize a complete materials color matching system with Trinar® 40-year limited warranty color finishes.

- ASTM E1680 Air Leakage Test through Exterior Metal Roof Panel Systems.
- ASTM E1646 Water Penetration Test of Exterior Metal Roof Panel Systems.



Snap Seal Panel

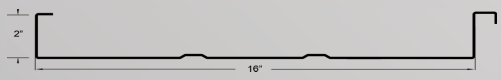
Corle Snap Seal is a classic snap together trapezoidal roof panel design. Most commonly used on canopies, mini storage structures, or areas that make mechanical seaming impossible. Manufactured from 24-gauge galvalume substrate with 3" nominal seam height.



CVL Roof System (Corle Vertical Lok)

Corle's Vertical Lok Architectural roof panel with 2" nominal seam height is manufactured from 24-gauge galvalume substrate with factory applied sealant utilizing concealed clip application for thermal movement, 360-degree seaming, and making a weather tight installation & is UL rated. The roofing system utilizes a complete color matching system with Trinar® 40-Year limited warranty color finishes for roofs and walls.

- A fast, simple, functional and cost effective solution for re-roofing and retrofit roofing projects on existing buildings.
- Pre-engineered roofing system can be installed right over existing flat roofs or roofs with various elevations and pitches.
- Saves time and labor costs by eliminating the need to tear off the existing roof.
- ASTM E1680 Air Leakage Test through Exterior Metal Roof Panel Systems.
- ASTM E1646 Water Penetration Test of Exterior Metal Roof Panel Systems.



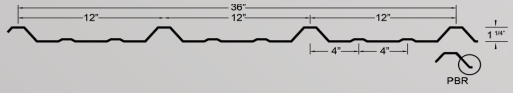
- Creates the aesthetically-pleasing look of a new building simply by adding a new roof.
- Ideal for standard gable, single-slope roofs, hip roofs, roof extensions, facades, mansards, or roofs joining existing buildings.
- Engineered for strength, durability and weather-ability.

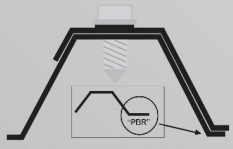
*See chart for available colors

"R" Panel

Corle "R" Panel is used for commercial, industrial, agricultural, residential roof, or siding panel requiring an economical covering. Manufactured from 26 or 24 gauge galvalume substrate with purlin bearing leg to ensure proper attachment and lap engagement. Corle "R" panel has 1-1/4" major ribs 12" on center, with minor ribs 4" on center, panel coverage is 36" width per panel.

- ASTM E1680 Air Leakage Test through Exterior Metal Roof Panel Systems.
- ASTM E1646 Water Penetration Test of Exterior Metal Roof Panel Systems.





Corle Standard "PBR"
(Purlin Bearing Rib)

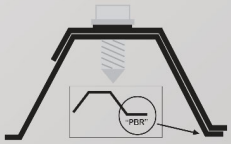
Industry Standard
(No "PBR")

CORLE™ BUILDING SYSTEMS

WALL PANELS

“R” Panel

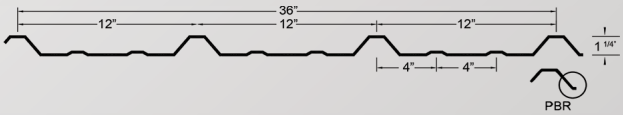
Corle “R” Panel is used for commercial, industrial, agricultural, residential roof, or siding panel requiring an economical covering. Manufactured from 26 or 24 gauge galvalume substrate with purlin bearing leg to ensure proper attachment and lap engagement. Corle "R" panel has 1-1/4" major ribs 12" on center, with minor ribs 4" on center, panel coverage is 36" width per panel.



Corle Standard “PBR”
(Purlin Bearing Rib)

Industry Standard
(No “PBR”)

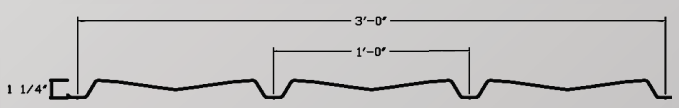
- ASTM E1680 Air Leakage Test through Exterior Metal Roof Panel Systems.
- ASTM E1646 Water Penetration Test of Exterior Metal Roof Panel Systems.



“A” Panel

Corle “A” Panel: A wall panel utilizing a semi concealed fastening system. Manufactured from 26 or 24-gauge galvalume substrate. Corle “A” Panel has 1-1/4” deep major ribs 12” on center covering 36” per panel width.

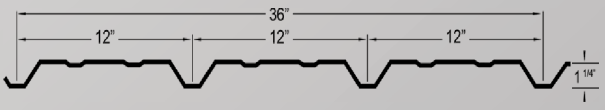
- ASTM E1680 Air Leakage Test through Exterior Metal Roof Panel Systems.
- ASTM E1646 Water Penetration Test of Exterior Metal Roof Panel Systems.



Reverse Panel

Corle “Reverse Roll” Panel: A wall panel utilizing a semi concealed fastening system. Manufactured from 26 or 24-gauge galvalume substrate. Corle “Reverse Roll “ Panel has 1-1/4” deep major ribs 12” on center, minor ribs 4” on center, covering 36” per panel width.

- ASTM E1680 Air Leakage Test through Exterior Metal Roof Panel Systems.
- ASTM E1646 Water Penetration Test of Exterior Metal Roof Panel Systems.



The Corle “R”, Corle “A”, and Corle “Reverse Roll” wall panels share the same standard option as follows: Panels ordered by length (ft. - in.) in 1/16” increments up to 50’-0”. Available in clear coated galvalume or one of 12 standard colors.

INTERIOR PANELS

Liner Panel (Roof & Wall)

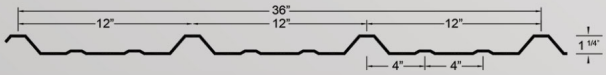
Liner Panel is used for interior applications where an economical covering is required. Liner Panels are an exposed fastener wall panel, with a 36" coverage width.

-Standard Option: Available in 26 or 29 ga. and any length in 1/16” increments up to 50’-0”. Finishes available are clear coated galvalume or White Siliconized Polyester.

Perforated Liner Panel

Perforated Liner Panel is used for interior applications to help with noise reduction. Perforated panels are an exposed fastener wall panel, with a 36" coverage width. Manufactured of 26 gauge, lengths in 1/16" increments up to 50'-0". Available in White Siliconized Polyester only. Holes are .125" diameter on .25" staggered centers creating 25% of panel to be perforated.

LIGHT PANELS (Roof & Wall)



“R” Lite Panel

“R” Lite Panel is a Fiberglass, translucent panel with a profile to match Corle’s “R” Panel. They are used to provide light to interiors of buildings and are 10’-8” long with a coverage width of 36”. These panels are generally used on wall applications; however, they may be used on roof applications (Fall Protection Wire Mesh is recommended).

“R” Polycarbonate

“R” Polycarbonate panels are easy to install, virtually unbreakable and match the profile of Corle’s “R” Panel. These panels are typically used for Skylights, Sidelights, Roofing & Ridge Lights. They have 100% UV protection, Hail & Wind resistant and can withstand temperatures ranging from -40ºF to 210ºF. The standard lengths run from 8’ to 16’ with a thickness of .08 - 1.0 and come in Clear 90%, Soft White 85% & White 45%. (%=Light Transmission)

Corle also supplies quality accessories like Man Doors, Windows, Insulation, Ridge Vents, and more!

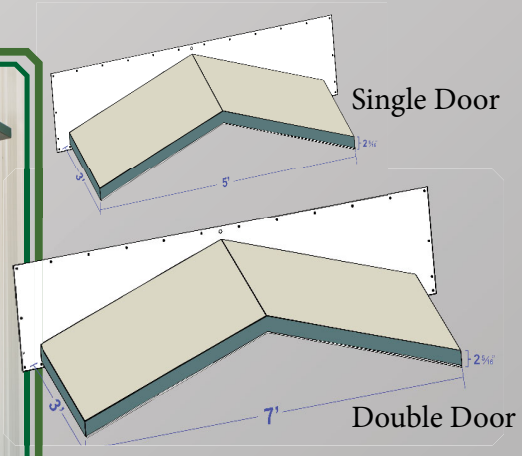
Corle Building System is well known for providing a door system for the metal building industry that provides reliable quality with easy and fast installation. Walk doors are often a problem for builders and erectors. Damage, lost parts, quality of components, among others, are issues that are faced when using the traditional knock down door system. Corle takes a different approach when providing a door system to solve these common issues.

Our door systems at Corle are completely factory assembled, including all hardware and sub-frame system (frame opening). As a result, our doors can be installed both easily and timely. No additional cutting or welding is necessary. We even provide the glass in our lite kits!

Corle Building System strongly believes that builders need and want choices. Builders have options for sizes, colors, door gages, and door skin, in addition to the hardware options listed. These choices put builders in control of the specific designs for the doors.

Man Door Canopy Features

- **Heavy gauge steel**
- **Single & Double Door Widths**
- **Simple Installation**
- **4:12 Roof Pitch**
- **13 Standard Colors**
- **Patent Pending Design**



Corle Self-Flashing Window System

The Corle Self-Flashing window system solves the common problems encountered by builders and erectors. For example, movement in the window and wall, glazing, and the difficulty in getting a good seal of caulk around the perimeter. Our window system is self-flashing and simple to install.

The thermal break frame and insulated glass provides energy efficiencies necessary in today's metal buildings. Corle offers as standard the choice of various types of windows, numerous sizes, and two primary colors. Non-standard options such as low E glass, tinted glass, or different colored frames can also be supplied.

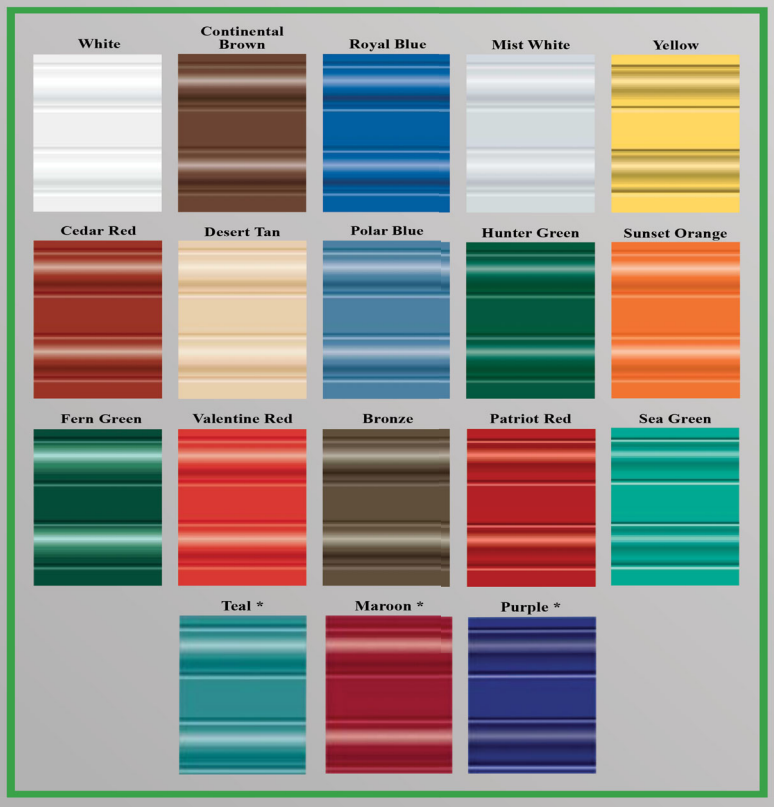
CORLE™ BUILDING SYSTEMS

Storage Solutions

Corle storage solutions can be customized both inside and out and are made with Oil-tempered steel springs to counterbalance the Heavy-duty steel axle which supports the door curtain. All doors have an automatic door stop that prevents the curtain from rolling up past the header and are versatile, durable and, easy to operate.

- **Galvanized Structure for long, maintenance-free life**
- **Manufacturer's 25-Year Warranty on wall & roof panels** **(see panel options on pg 8)**
- **Increased Strength & Durability**
- **Unsurpassed Ease of Assembly**
- **Header and Mullion designs available**
- **Eave gutter and downspouts**
- **Standing seam roof systems**
- **Complete insulation packages**
- **Roll up doors with 26-gauge curtain**
- **Interior build-out**

Roll-up Door Color Chart



- Storage units are available in a variety of sizes an are customizable to your project needs.

CORLE Quality

Corle Building Systems' commitment to quality continues to expand with the International Accreditation Service (IAS) endorsement for nondestructive testing. The endorsement allows Corle Building Systems to perform ultrasonic testing on welds in accordance with Section N of the 2010 and 2016 Editions of the American Institute of Steel Construction's Specification for Structural Steel Building (AISC 360). The endorsement also meets the requirements for Section 1705.2.1 of the 2015 and 2018 International Building Code.

IAS AC472 ACCREDITED (USA) CSA A660 CERTIFIED (CANADA)

IAS AC472 (USA) accreditation and CSA A660-10 certification (Canada) marks the completion of rigorous annual evaluations of every important aspect of our business — management, order processing, design and manufacturing. IAS and CSA certifications are important milestones for Corle Building Systems. They symbolize the dedication to excellence on the part of each and every one of Corle's employees, while yet again demonstrating the "Corle Commitment" to provide our customers with a product of unsurpassed quality and performance.

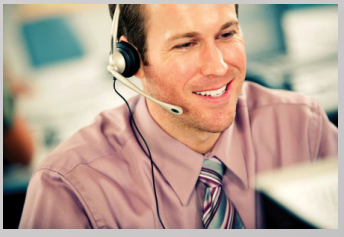
Your Success Means Our Success.

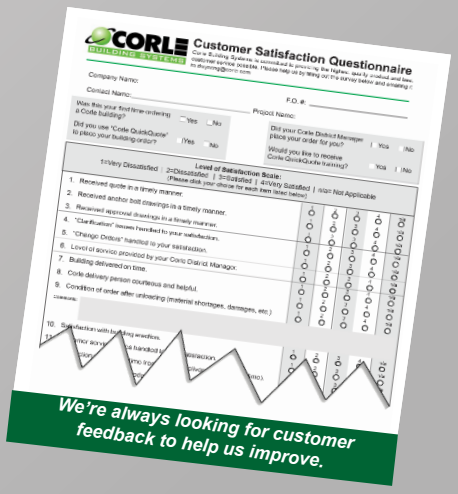
"The customer is the focus of everything we do."

--John Corle

Responsive Customer Service!

Our knowledgeable, courteous, experienced staff is always ready to serve our network of authorized independent builders.





Customer Satisfaction Survey Included with Every Order!

We request contractor feedcack on every building we ship. Every completed and returned survey is reviewed by Corle's management and customer service teams. If any folow-up is needed, it is done immediately.

CORLE BUILDING SYSTEMS™

CORLE green

Our commitment to providing the benefits of environmentally friendly products.

The color green has always held a place of high importance for Corle Building Systems. It has been the primary corporate color since the beginning of our company. "Corle Green" has come to represent the commitment of the company to provide our customers with environmentally friendly products.

Corle Building Systems is using recycled materials in the manufacturing process. We also recycle 100 percent of the steel waste generated during the manufacturing process. Recycling reduces costs, while conserving energy and natural resources.

In the construction industry, recycling has been driven largely by the US Green Building Council's Leadership in Energy and Environmental Design (LEED®) rating system. The LEED rating system only promotes the use of materials with high levels of recycled content.

At the end of a building useful life, about 98% of all structural steel products are recycled back into new steel products that are used for new construction without any loss of physical properties — an amazing reclamation rate!

ENVIRONMENTAL BENEFITS

- Enhance and protect ecosystems and biodiversity
- Improve air and water quality
- Reduce solid waste
- Conserve natural resources

ECONOMIC BENEFITS

- Reduce operating costs
- Enhance asset value and profits
- Improve employee productivity and satisfaction
- Optimize life-cycle economic performance

HEALTH AND COMMUNITY BENEFITS

- Improve air, thermal, and acoustic environments
- Enhance occupant comfort and health
- Minimize strain on local infrastructure
- Contribute to overall quality of life

Corle Project Gallery

CORLE™ BUILDING SYSTEMS

Get the Full Corle Story at *www.corle.com*

CORLE™ BUILDING SYSTEMS

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