



ARCHITECTURAL ROOFING METAL

BEAUTIFUL, LONG-LASTING, EASY-TO-MAINTAIN PRE-PAINTED STEEL

Features:

- Coated with BASF Fluoroceram® quality ULTRA-Cool® coating
- 30-year, non-prorated, non-transferable warranty
- Available in 30 standard colors
- Longest field-proven performance in the industry
- Corporate stocking locations nationwide
- Independent stocking distributor network
- Protective strippable film
- Stock 40.375" and 48" wide master coils
- Wide variety of slit widths
- Matching touch-up paint stocked
- Color matched rivets stocked
- .3 to .4 mil D.F.T. washcoat
- 24-gauge AZ50 Galvalume® (standard) or G-90 galvanized steel, with other gauges available upon request
- Local architectural representation

Applications:

- Roofing
- Fascias
- Copings
- Gravel Stops
- Mansards

Standard Colors

Aged Copper	Dark Bronze	Sierra Tan
Almond	Hartford Green	Silver
Banner Red	Mansard Brown	Slate Blue
Bone White	Matte Black	Slate Gray
Cape Blue	Musket Gray	Stone White
Champagne	Pacific Blue	Teal Green
Charcoal Gray	Red Clay	Terra Cotta
Classic Green	Roman Bronze	Winter White
Colonial Red	Royal Blue	
Copper Penny	Sage	
Cordovan	Seaport	



800.328.7800
www.ryerson.com



COLORKLAD SPECIFICATIONS

Scope: _____
Provide labor, equipment, materials and services shown on the drawings, as herein specified and/or required by job site conditions.

Materials: _____

- A. Pre-painted architectural roofing and/or sheet metal accessories shall be ColorKlad®, as supplied by Ryerson.
- B. All materials shall be 24-gauge AZ50 Galvalume® or G-90 galvanized steel, primed and finished one side with BASF Fluoroceram full-strength Kynar 500® or Hylar 5000® based fluoropolymer coating 1.0 +/- 0.1 mil total dry film thickness.
- C. A washcoat of .3 to .4 mil dry film thickness shall be applied to the reverse side.
- D. The pre-painted, finished side of sheet shall be coated with a factory-installed, strippable film for protection of the finished surface during fabrication, shipping and installation.
- E. The material shall be protected from heat and direct sunlight to prevent possible deterioration of the strippable film and the finished coating.
- F. Color shall be selected from the ColorKlad colors currently available.

Performance Criteria: _____

- A. The 70% Kynar 500 or Hylar 5000 based finish coating shall conform to the following tests and standards:

- Hardness - HB Minimum; ASTM D3363.
- Adhesion - Cross Hatch - 1/16 inch (no removal); ASTM D3359.
- Formability - 180° 2T Bend (no cracking or removal); ASTM D4145.
- Reverse Impact - No removal when taped; ASTM D2794.

- B. The base metal shall conform to the following tests and standards:

- Minimum Yield 50 KSI - Galvalume; A792, GR50.
Galvanized; A653, GR50.
- Elongation in 2" - 12%
- Coefficient of Thermal Expansion - 6.7×106 in/in/°F, ASTM E228.
- Modulus of Elasticity - 29×106 , ASTM E111.

Installation:

AlumaKlad™ and ColorKlad shall be cut, formed, nailed or riveted using conventional hand or power tools. Fabricate and install in accordance with drawings and specifications using recognized sheet metal practices. Maintain sharp, clean, properly dressed and closely aligned cutting edges. To avoid damage, exercise care during fabrication and installation. Use color-matched touch-up paint and rivets where required.

Maintenance:

Maintenance usually is not required. AlumaKlad or ColorKlad can be cleaned with mild soap and water. Follow with fresh water rinse.

Warranty:

Every AlumaKlad and ColorKlad roofing purchase comes with a standard finish 30-year warranty which is non-prorated, non-transferrable and covers fading and chalking. The warranty shall include labor and materials through the thirtieth year. Material shall not show a color change greater than 5 NBS color units per ASTM D2244, and not chalk in excess of a numerical rating of 8 per ASTM D4214. Please see copy of the entire AlumaKlad and ColorKlad warranty, detailing all provisions and stipulations, at www.ryerson.com/products-services.

WEATHERTIGHTNESS WARRANTY

AMB

Ryerson has teamed with AMB Warranty to also offer an optional, no-dollar-limit, weathertightness performance warranty that covers AlumaKlad and ColorKlad metal roofing products. AMB Warranty is sold separately.

- 2 to 30-year warranty periods available
- Quality assurance inspections
- Existing buildings, new buildings and retrofit installations
- Can be individually tailored to your particular roofing project
- All pertinent forms and additional information are available online at www.ambwarranty.net



BASF ULTRA-Cool®

ULTRA-Cool® and Fluoroceram® are registered trademarks of BASF Corporation. Kynar 500® is a registered trademark of ARKEMA Inc. Hylar 5000® is a registered trademark of Solvay Solexis, Inc. Galvalume® is an internationally recognized and registered trademark of BIEC International Inc., and some of its licensed producers, and a trademark of Dofasco Inc. in Canada. ZINCALUME® is a registered trademark of BlueScope Steel Limited.

In the marketplace, Ryerson does business through Joseph T. Ryerson & Son, Inc. and Ryerson Canada, Inc.

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