



METAL ROOFING

Systems, Inc

PRODUCT NAME

COOLR[®] Kynar 500[®]/Hylar 5000[®] Coated Galvalume Steel or Aluminum, Architectural Sheet Metal, Flashing, and Roofing.

PRODUCT SPEC DATA

PRODUCT DESCRIPTION

Structural Grade 50, extra smooth, ASTM A-792 Galvalume steel or Aluminum Association sheet, coated with a 70% Kynar 500/Hylar 5000 fluorocarbon coating, of 1.0 ± 0.1 mil total dry film thickness including primer. The reverse side is coated with a primer and off white backer with a total of .5 mil dry film for additional protection. A strippable film is available upon request to protect the finished surface during shipping, handling and fabrication. (The protective film must be removed immediately after installation)

BASIC USE: COOLR[®] is manufactured for use in general building applications such as copings, gravel stops, flashings, mansards, fascias, soffits, standing seam, batten seam, and flat seam roofing applications.

LIMITATIONS: Because COOLR[®] is a prefinished material, care must be exercised during fabrication and erection to avoid damage to the surface. Tools must be clean and properly dressed. The performance of the material in the field depends substantially on the integrity of the paint film and in galvalume steel on the underlying coating of aluminum-zinc being intact. Care must be taken to avoid scratching or marring the finish.

Therefore, COOLR[®] should not be used in areas of high abrasion or where it will be subject to mechanical damage.

COMPOSITION AND MATERIALS: COOLR[®] consists of Structural Grade 50, Galvalume steel of prime quality manufactured per ASTM A-792 or Aluminum Association specification sheet, alloy and temper 3003-H14 or 3105 H-14, as manufactured per ASTM B-209, coated with 70% Kynar 500/Hylar 5000 (polyvinylidene fluoride resin) fluorocarbon applied over an appropriate primer. An exterior

off white backer coat is applied to the reverse side for additional protection.

SIZES: Galvalume steel is available in 24 ga, in 48" sheet, and in 48", 44", 40", 24", 22", 20" and 16" standard coil widths. Galvalume steel is available in 26 ga, in 48" sheet, and in 48", 40", 24", 20", 16", standard coil widths. Aluminum is available in .032 48" sheet, and 48", 40", 23.75", 20", 15.75" standard coil widths. Aluminum is available in .050, .040 48" sheet, and 48", 23.75", 15.75" standard coil widths.

COLORS: There are 39 standard colors: Dark Bronze, Stone White, Slate Blue, Burgundy, Sandstone, Charcoal Gray, Colonial Red, Matte Black, Sierra Tan, Terra Cotta, Mansard Brown, Slate Gray, Regal Blue, Evergreen, Medium Bronze, Regal White, Teal, Patina Green, Regal Red, Aged Copper, Hemlock Green, Solar White, Ash Gray, Hartford Green, Silver Metallic, Copper Metallic, Champagne, Pre-Weathered Galvalume.

26 GA. LOW GLOSS COLORS: Regal White, Sierra Tan, Seal Brown, Slate Gray, Colonial Red, Evergreen, Dark Gray, Dark Bronze, Terra Cotta, Antique Black, Burgundy. Custom colors are available in both steel and aluminum.

FINISH: Smooth, dull matte, low to medium gloss, depending on color.

APPLICABLE STANDARDS: ASTM A-792 structural quality steel, sheet and coil, -coated (galvalume) by the hot-dipped process or ASTM B-209 aluminum sheet, 3105-H24 alloy and temper.

INSTALLATION

Install in accordance with generally recognized sheet metal practices. COOLR[®] can be cut, formed, punched, nailed, screwed, or riveted using conventional hand or power tools. It is recommended that these tools be properly maintained to manufacturers' performance standards. The COOLR[®] paint finish must be mechanically removed if soldering or welding are required. (The protective film may remain on COOLR[®] during fabrication but must be removed immediately after installation.)

WARRANTY

A 35-year, non-prorated warranty covering color, fade, chalking and film integrity is available at no additional cost. The warranty is issued on a per project basis upon request.