

Color-Gard™

ARCHITECTURAL ROOF COATING SYSTEM

The Architectural Metal Roof Coating Solution

The Color-Gard Architectural Roof Coating System combines Color Prime 915 with the superior color retention of High-Gloss Acrylic 215. This highly-advanced coating system provides metal roof surfaces with a beautiful, low-build, architectural finish and delivers exceptional weatherability, abrasion-resistance, colorfastness, and resistance to dirt pick-up.

The Color-Gard System offers facility managers and property owners a variety of money-saving benefits. It effectively improves roof performance, provides a beautiful finish, prevents rust and corrosion, reduces maintenance costs, and extends service life. Best of all, the Color-Gard System costs significantly less than a conventional roof tear-off and replacement.

Basic Uses

The Color-Gard System is especially engineered to seal and protect aged metal roofs from the harmful effects of the sun, wind, and rain. The system's main components, Color Prime 915 and High-Gloss Acrylic 215, combine to provide metal roof surfaces with a high-performance, low-build, aesthetic finish. The system is designed for metal roofs affected by moderate levels of rust and corrosion with positive drainage.

Features/Benefits

- Vastly improves roof performance
- Provides a beautiful, long-lasting, architectural finish
- Substantially reduces maintenance and energy costs
- Extends service life by restoring the existing metal roof surface
- Superior elongation, tensile strength, and color-retention
- Eliminates the onset of rust and corrosion
- Minimal interruption to business
- 10-year color-fade warranty

Suitable Substrates

- Metal

SURFACE PREPARATION

To ensure proper adhesion, the roof is pressure washed to remove all dirt, dust, and debris.

1

PRIMER

Color Prime 915 provides an optimal surface for the subsequent coating applications.

2

BASE COAT

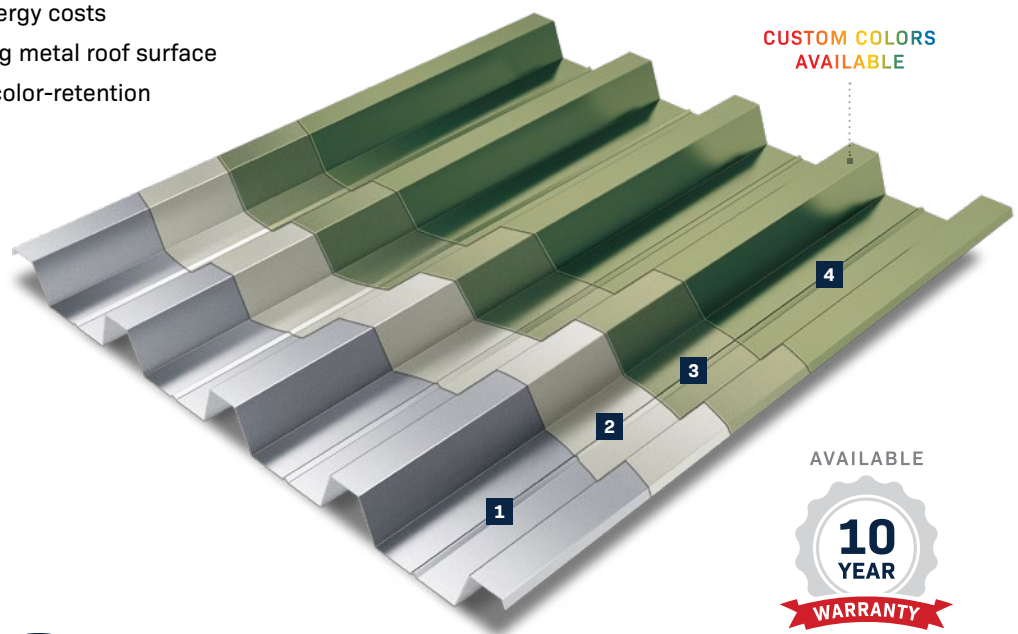
To ensure uniform dry mil thickness, a base coat of High-Gloss Acrylic 215 (custom color) is applied to the roof surface.

3

TOP COAT

A top coat of High-Gloss Acrylic 215 provides a low-build, flexible, and aesthetic finish with superior weatherability, abrasion resistance, and colorfastness.

4



CUSTOM COLORS AVAILABLE

AVAILABLE



*10-year color-fade warranty



QUICK SPEC

ADHESION TEST

To ensure a successful application, an adhesion test is recommended to ensure maximum adhesion of the High-Gloss Acrylic 215 base coat to the metal roof substrate.

PRE-INSPECTION

Before system application, pre-inspect the roof for necessary repairs. The inspection should include, but not be limited to:

- HVAC flashing
- Water leakage
- Proper drainage
- Coping and flashing
- Sign or display anchorage

INSTALLATION TIPS

- All roof surfaces to be coated must be properly cleaned and prepared. Pressure washing (EcoCleaner 925 is recommended) at 3000-4000 psi is recommended.
- Existing coatings must be checked for proper adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned, and checked for compatibility.
- High-Gloss Acrylic 215 may be applied using medium nap roller, synthetic brush, tank spreader, or airless spray equipment. Only apply High-Gloss Acrylic 215 to clean, dry, sound surfaces free of contaminants and other foreign matter.
- Depending on temperature and humidity, allow 24 hours between High-Gloss Acrylic 215 base and intermediate coating applications.
- Allow minimum of 48 hours before application of High-Gloss Acrylic 215 foundation layers. For technical assistance, please contact your American WeatherStar Field Representative.
- High-Gloss Acrylic 215 base coat and top coat layers must be matching tints.

RUSTY PANELS

Rust, also known as iron oxide, is formed by a chemical reaction in which iron oxidizes when in the presence of oxygen and water or excessive moisture. Iron Oxide lacks many of the structural characteristics of the original iron material and will continue to spread deeper into the material. If left alone, rust almost always result in failure of the panel. Rust primers from American WeatherStar neutralize existing rust and prevent it from advancing.

TECHNICAL DATA

COLOR PRIME 915

Solids by Volume	40% ± 1
Elongation	N/A
Tensile Strength	N/A
Emissivity	.90
Viscosity	600 – 800 cps
Permeability	N/A
VOC	98g/Liter

HIGH-GLOSS ACRYLIC 215

Solids by Volume	40 ± 2%
Elongation	300 ± 50%
Tensile Strength	1000 ± 50 psi
Reflectivity	88%
Emissivity	.89
Viscosity	100 + 10 KU

ECOCLEANER 925

Weight	8.3 lbs./gal
Flash Point	> 212°F
VOC	0 grams/liter,
Min. application temp.	40°F

Please see product data sheets for complete technical data.

SUBSTRATE	TERM	BASE COAT	INTERMEDIATE COAT	INTERMEDIATE COAT	TOP COAT	TOTAL DFT**
Metal	10 years*	High-Gloss Acrylic 215	-	-	High-Gloss Acrylic 215	6-8

*Color-Gard System is covered by a 10-year color fade warranty.

**Dry film thickness (DFT) is rounded to the nearest mil and is theoretical. Actual DFT varies depending on substrate, application technique, and waste factor.

NOTE: This document is intended as an overview of installation procedures only. Please refer to application guidelines for complete installation information. Published technical information is subject to change without notice. Please visit www.americanweatherstar.com or contact your Field Representative for current technical data.

