



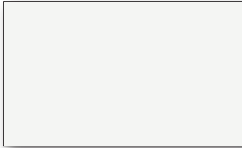
Your Roof. For Life.™

# Commercial Color Chart

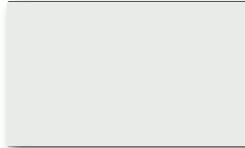
- PVDF Paint System (KYNAR 500® or HYLAR 5000®)
- 24 & 22\* Gauge Galvalume® Steel Substrate
- 0.032" Aluminum

## Standard Colors

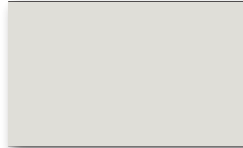
▲ Denotes Aluminum Stock Colors



REGAL WHITE ▲



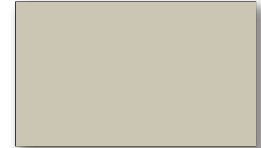
BONE WHITE



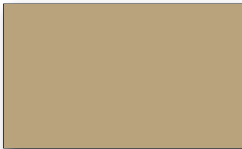
STONE WHITE



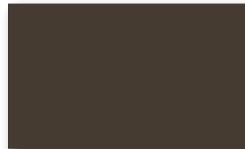
ALMOND



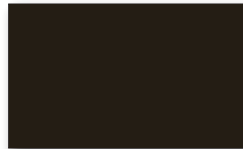
SANDSTONE ▲



SIERRA TAN



MEDIUM BRONZE ▲



MANSARD BROWN



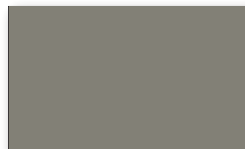
DARK BRONZE ▲



TERRA COTTA



ASH GRAY



SLATE GRAY ▲



CHARCOAL GRAY



MATTE BLACK



REGAL RED



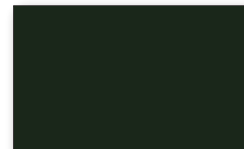
AGED COPPER



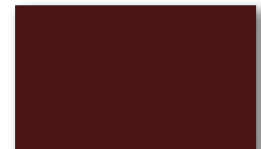
HEMLOCK GREEN



EVERGREEN ▲



HARTFORD GREEN



COLONIAL RED ▲

## Premium Colors\*



SLATE BLUE



PACIFIC BLUE



REGAL BLUE

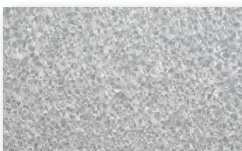


PATINA GREEN



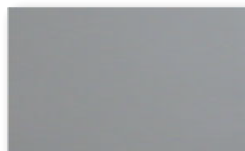
BURGUNDY

## Non-Painted

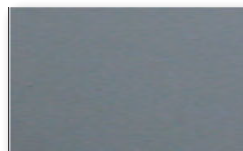


ACRYLIC COATED GALVALUME

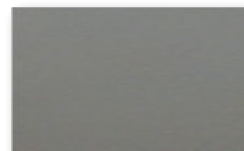
## Metallic Premium Colors\*



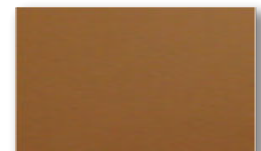
SILVER METALLIC ▲



PRE-WEATHERED GALVALUME



CHAMPAGNE METALLIC



COPPER METALLIC

### NOTES:

- \* 22 gauge and premium colors require nominal surcharge and minimum order quantities.
- PVDF colors on this chart do not match colors on the Union SMP color chart.
- Colors shown have been matched as accurately as possible to actual finish. For exact color match, please request a metal color sample. Availability of colors and materials are subject to change.
- Custom colors are available. Minimum quantities will apply.

## PERFORMANCE DATA

COLOR	INITIAL SOLAR REFLECTANCE	3 YR. SOLAR REFLECTANCE	INITIAL THERMAL EMITTANCE	SOLAR REFLECTANCE INDEX
Aged Copper	0.49	0.49	0.87	56
Almond	0.63	0.61	0.87	75
Ash Gray	0.52	0.53	0.89	60
● Bone White	0.66	n/a	0.86	79
Burgundy	0.25	0.23	0.85	23
Champagne Metallic	0.37	0.35	0.80	37
Charcoal Gray	0.29	0.30	0.88	29
Colonial Red	0.30	0.30	0.88	30
Copper Metallic	0.49	0.47	0.86	56
Dark Bronze	0.31	0.32	0.87	32
Evergreen	0.31	0.31	0.87	32
Hartford Green	0.31	0.31	0.87	32
Hemlock Green	0.32	0.32	0.87	33
Mansard Brown	0.31	0.32	0.87	32
Matte Black	0.30	0.30	0.87	30
Medium Bronze	0.31	0.32	0.87	32
Pacific Blue	0.26	0.25	0.85	24
Patina Green	0.28	0.28	0.87	28
Pre-Weathered Galvalume	0.30	n/a	0.79	27
Regal Blue	0.26	n/a	0.85	24
Regal Red	0.44	0.44	0.87	49
● Regal White	0.72	0.70	0.87	87
Sandstone	0.62	0.60	0.87	73
Sierra Tan	0.52	0.50	0.87	60
Silver Metallic	0.60	0.60	0.76	69
Slate Blue	0.36	0.36	0.87	38
Slate Gray	0.43	0.44	0.87	48
Stone White	0.63	0.61	0.87	75
Terra Cotta	0.40	0.40	0.87	44
Acrylic Coated Galvalume	0.67	0.55	0.14	56

## CERTIFIED LABORATORY TEST REPORT SUMMARY

### Specular Gloss at a glossmeter angle of 60° (ASTM D 523)

20 - 35%

### Pencil Hardness (ASTM D 3363)

Minimum pencil hardness is "HB"

### Solvent Resistance (ASTM D 5402)

Passes minimum of 100 double rubs of a MEK soaked cloth

### Cross-Hatch Adhesion (ASTM D 3359)

No paint removal with Scotch #610 cellophane tape after cross-scoring with eleven horizontal and eleven vertical lines 1mm apart

### Impact Resistance (ASTM D 2794)

No visible paint removal with Scotch #610 cellophane tape after direct and reverse impact of 80-inch pounds, using 5/8" steel ball on a Gardner Impact Tester

### T-Bend Adhesion (ASTM D 4145)

0T to 3T, no loss of adhesion

### Humidity Resistance (ASTM D 2247)

No blistering, cracking, peeling, loss of gloss or softening of the finish after 1,500 hours of exposure to 100% humidity at 100°F ± 5°F

### Cleveland Condensing (ASTM D 4585)

After 240 hours, there will be no blistering or white rust

### Water Immersion Resistance (ASTM D 870)

Samples immersed in distilled water at 100°F will exhibit no loss of gloss, blistering, cracking or color change after 500 hours

### Salt Spray Resistance (ASTM B 117)

Samples diagonally scored and subjected to 5% neutral salt spray for 1000 hours, then taped 1 hour after removal from the test cabinet with Scotch #610 cellophane tape, exhibit no blistering, no loss of adhesion and scribe creep no greater than 1/8"

### Chemical Resistance (ASTM D 1308)

No significant color change after 24 hours exposure to 10% solutions of hydrochloric and sulfuric acids, Procedure 7.2 (spot test)

### Kesternich Test (ASTM G 87)

No significant color change after 10 cycles in a SO<sub>2</sub> chamber

### Accelerated Weathering (ASTM D 822, G 151, and G 153)

After 3,000 hours, no checking, blistering, or loss of adhesion of coating system

### Exterior Weathering (ASTM D 2244 and ASTM D 4214)

Color: No more than 5 Hunter units at 20 years Chalk: Rating no less than 8 at 20 years  
Film Integrity: 25 years

### 1/8" Mandrel Bend (ASTM D 522)

No loss of adhesion

### Abrasion Resistance (ASTM D 968 Method A)

Passes 60 ± 5 liters/mil of falling sand

### Flame Spread Rating (ASTM E 84)

Displays a flame spread classification of A (Class 1)

## LEED 2009 GREEN BUILDING RATING SYSTEM CREDIT INFORMATION

- SS Credit 7.2 Heat Island Affect: Roof
  - All colors above meet Steep-Sloped Roof (>2:12) with Solar Reflectance Index (SRI) ≥ 29
  - ● = Meets Low-Sloped Roof (≤2:12) with Solar Reflectance Index (SRI) ≥ 78
- MR Credit 4.1 Recycled Content 10% = All Union steel coil products meet this requirement
- MR Credit 4.2 Recycled Content 20% = All Union steel coil products meet this requirement
- MR Credit 5.1 Regional Materials = Consult Union for location of manufacture from one of ten regionally located manufacturing facilities

## PLANT LOCATIONS

### Corporate Headquarters

701 S. King St.  
Fayetteville, NC 28301  
(888) 685-7663

### Spencer, NC

101 Lexington Ave.  
Spencer, NC 28159  
(800) 526-8156

### Anderson, SC

200 Coe Rd.  
Anderson, SC 29624  
(800) 544-5169

### Tifton, GA

3365 US Hwy 41 South  
Tifton, GA 31794  
(800) 962-9131

### Orange, VA

12435 James Madison Hwy  
Orange, VA 22690  
(800) 762-6785

### Ocala, FL

490 Oak Road  
Ocala, FL 34472  
(800) 331-3584

### Vicksburg, MS

1463 Interplex Circle  
Ceres Industrial Complex  
Vicksburg, MS 39183  
(888) 661-0577

### Dayton, OH

1801 West High Street  
Piqua, OH 45356  
(877) 615-9812

### Oklahoma City, OK

600 N. Sara Road  
Suite B  
Yukon, OK 73099  
(866) 373-5286

### Scranton, PA

1019 Underwood Rd.  
Olyphant, PA 18447  
(866) 695-6455