PRODUCT DESCRIPTION

Basic Use: Berridge prefinished architectural aluminum coil and flat sheets are for applications such as metal roofing, siding, fascia, soffit, gutters, gravel stops, copings, store front components, and other general sheet metal use.

Standard Sizes: 0.032” (0.8 mm) and 0.040” (1 mm)

Standard Width: 42” and 48” - Type 3105 H14

Colors: Berridge stocks aluminum in 48” master coils in several of our popular colors. All other colors are subject to inventory on hand or a 4,500 square foot minimum order. Consult BMC for colors and availability. Custom colors are available in minimum quantities of 5,000 square feet.

SPECIFICATIONS

See the reverse side for aluminum specifications.

INSTALLATION

Fabricate and install Berridge aluminum sheets in accordance with standard SMACNA sheet metal practices. Fasteners and other component parts should have equivalent corrosion resistance. Visit www.Berridge.com for approved sealants and detailed.

WARRANTY

Berridge offers a 20-year finish warranty for the Kynar 500® or Hylar 5000® PVDF resin-based coatings which it applies on its continuous coil coating line. Visit www.Berridge.com for more information about how to apply.

AVAILABILITY & COST

Berridge products are available through our nationwide network of Licensees or factory direct for qualified sheet metal installers. Call (210) 650-3050 for the name and number of your nearest Berridge Licensee or your local Sales Representative.

MAINTENANCE

Properly installed Berridge prefinished architectural aluminum coil & flat sheets require little to no maintenance.

STORAGE

Prior to installation, stored coils, flat sheets, or fabricated products should be protected from moisture and/or condensation. Keep material off the ground and in an inclined position.

TECHNICAL SERVICES

For technical or architectural consulting, call (210) 650-3050.
### BERRIDGE STOCK AVAILABILITY AND COLOR DETAILS

<table>
<thead>
<tr>
<th>Standard Colors</th>
<th>0.032 Aluminum*</th>
<th>0.040 Aluminum*</th>
<th>SR</th>
<th>EM</th>
<th>SRI</th>
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- **Aged Bronze**: S N S N/A 0.30 0.86 30
- **Almond**: S N S N/A 0.65 0.83 77
- **Bristol Blue**: N N N N/A 0.33 0.85 33
- **Buckskin**: N N N N/A 0.32 0.83 32
- **Burgundy**: N N N N/A 0.29 0.85 29
- **Charcoal Grey**: N N N N/A 0.29 0.84 28
- **Cityscape**: N N N N/A 0.48 0.87 54
- **Colonial Red**: N N N N/A 0.33 0.85 34
- **Copper Brown**: N N N N/A 0.30 0.85 29
- **Dark Bronze**: S N S N/A 0.28 0.85 27
- **Deep Red**: N N N N/A 0.39 0.84 41
- **Evergreen**: N N N N/A 0.30 0.85 30
- **Forest Green**: N N N N/A 0.25 0.83 22
- **Hartford Green**: N N N N/A 0.28 0.83 26
- **Hemlock Green**: N N N N/A 0.31 0.83 30
- **Matte Black**: N N N N/A 0.26 0.89 26
- **Medium Bronze**: S N S N/A 0.31 0.85 31
- **Parchment**: S N S N/A 0.52 0.83 58
- **Patina Green**: N N N N/A 0.34 0.86 36
- **Royal Blue**: N N N N/A 0.26 0.85 25
- **Shasta White**: S N S N/A 0.60 0.84 70
- **Sierra Tan**: S N S N/A 0.39 0.85 42
- **Teal Green**: N N N N/A 0.27 0.87 27
- **Terra-Cotta**: N N N N/A 0.32 0.83 31
- **Zinc Grey**: S N S N/A 0.39 0.85 42
- **Acrylic-Coated Galvalume***: N/A N/A N/A N/A 0.67 0.20 59

#### Premium Colors*

- **Award Blue**: N N N N/A 0.17 0.83 11
- **Natural White**: N N N N/A 0.76 0.84 93

#### Metallic Colors*

- **Antique Copper-Cote**: N N N N/A 0.33 0.84 34
- **Champagne**: N N N N/A 0.40 0.85 43
- **Copper-Cote™**: N N N N/A 0.51 0.85 59
- **Lead-Cote™**: N N N N/A 0.46 0.84 50
- **Preweathered Galvalume***: N N N N/A 0.40 0.85 43
- **Zinc-Cote™**: N N N N/A 0.52 0.83 59

### Testing results for Kynar 500® or Hylar 5000® coil coating applications:

1. **Spectral Gloss**: (ASTM D-523) Low and medium gloss only
2. **Color Uniformity**: (ASTM D-2244) Color controlled both instrumentally and visually
3. **Dry Film Thickness**: (ASTM D-7091, ASTM D-1005, NCCA 11-13, 11-14, 11-15) Primmer 0.20 ± 0.05 mil, Topcoat 0.75 ± 0.05 mil
4. **Hardness**: (ASTM D-3363, NCCA 11-12, Eagle Turquoise Pencils) HB Minimum
5. **Adhesion (X-Cut)**: (ASTM D-3395) No adhesion loss
6. **Adhesion (Crosshatch)**: (ASTM D-3395) No adhesion loss
7. **Abrasion Coefficient**: (ASTM D-968) 100 liters/mil topcoat
8. **Direct Impact Flexibility**: (ASTM D-2794, Gardner Impact Tester, 1/10’’ Distortion) Excellent, no removal
9. **Reverse Impact Flexibility**: (NCCA Spec. 11, ASTM D-2794, Gardner Impact Tester, 5/8” ball Impact force in inch pounds equal to metal thickness) Excellent, no cracking or loss of adhesion
10. **Formability**: (ASTM D-4145, 180° T-Bend on 1/8” Mandrel) No cracks or loss of adhesion
11. **Erosion**: (20 years, 45° South Florida) Maximum 5 NBS units color change
12. **Salt Spray Resistance**: (ASTM B-117) Passes 2000 hours on Galvalume® and 4000 hours on Aluminum
13. **Acid Resistance**: (ASTM D-1308, Proc. 311, 10% Sulfuric Acid spot test, 24 hour exposure) Excellent, no effect
14. **Alkali Resistance**: (ASTM D-1308, Proc. 5.2, 10% Sodium Hydroxide, 24 hour exposure) Excellent, no effect
15. **Humidity Resistance**: (ASTM D-2247) Passes 2000 hours on Galvalum® and 4000 hours on Aluminum
16. **Aluminum**: Premium and Metallic colors are subject to a surcharge, consult BMC for additional information
17. **Non-Stock Color; Subject to inventory on hand; 4,500 sf minimum order for 22 Gauge and 0.032 & 0.040 Aluminum

**Notes:**
- 1. ASTM - American Society for Testing Materials
- 2. NCCA - National Coil Coaters Association
- 3. Galvalume® is 55% Aluminum-Zinc alloy coated sheet steel and is a registered trademark of BIEC International Inc.

**S** Stock Color; Not subject to a minimum order

**N** Non-Stock Color; Subject to inventory on hand; 4,500 sf minimum order for 22 Gauge and 0.032 & 0.040 Aluminum

**N/A** Not Available

* Consult BMC on product availability for 22 Gauge and 0.032 and 0.040 Aluminum. Premium and Metallic colors are subject to a surcharge, contact BMC for additional information.

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**Contact Information:**

- **BMC SAN ANTONIO**: 6505 Frio Rd., San Antonio, TX 78218
  - (210) 650-3050
  - Fax (210) 650-0379
- **BMC HOUSTON**: 1720 Maury St., Houston, TX 77026
  - (713) 223-4971
  - Fax (713) 236-9422
- **BMC DALLAS**: 2019 California Crossing, Dallas, TX 75220
  - (972) 506-8496
  - Fax (972) 506-8478
- **BMC OKLAHOMA CITY**: 1235 Southwest Blvd., Oklahoma City, OK 73108
  - (405) 249-7404
  - Fax (405) 249-7404
- **BMC CHICAGO**: 3150 N. Waukegan Road, Chicago, IL 60639
  - (708) 432-3000
- **BERRIDGE CALIFORNIA SALES CORPORATION**: 8822 Venture Cove
  - Tampa, FL 33637
  - Fax (813) 335-4505
- **BERRIDGE FLORIDA SALES CORPORATION**: 9442 Santa Ana Ave., Fontana, CA 92335
  - Fax (909) 865-3281

**Visit us at:** [WWW.BERRIDGE.COM](http://WWW.BERRIDGE.COM)