

Berridge Aluminum Stocking Program

KYNAR 500® OR HYLAR 5000® PVDF RESIN-BASED COLOR FINISHES



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.

Product	Painted Aluminum	
	0.032	0.040
Coil	▪	▪
Flat Sheet	▪	▪
Trim	▪	▪
B-6 Panel		
Batten Seam Panel		
Bermuda Roof Panel		
Cee-Lock Panel - 16 ½" (Standard)	▪	
Cee-Lock Panel - 11 ½" (Optional)	L	
Classic Shingle		
Curved Flat Seam Panel		
Deep-Deck Panel	▪	▪
Double-Rib Panel		
Fish Scale Shingle		
Flush Seam Panel		
Fluted Fascia		
FW-1025	▪	▪
FW-12	▪	▪
HR-16 Wall Panel	▪	
HS-8 Panel	▪	
HS-12 Panel	▪	
L-Panel	▪	
"M" Panel	▪	
"R" Panel	▪	
S-Deck Panel	▪	▪
Curved S-Deck Panel	▪	▪
S-Tile		
Spanish Tile		
Tee-Panel	L	
Curved Tee-Panel	L	
High Seam Tee-Panel	▪	
Curved High Seam Tee-Panel	▪	
Tee-Lock	▪	▪
Thin Line		
Vee-Panel		
Victorian Shingle		
Zee-Lock (Single Lock)	▪	▪
Curved Zee-Lock (Single Lock)		
Double-Lock Zee-Lock	▪	▪

L - Limited Availability

BERRIDGE STOCK AVAILABILITY AND COLOR DETAILS

S - Stock Color N - Non-Stocking Color N/A - Not Available

Standard Colors	0.032 Aluminum*		0.040 Aluminum*		SR	EM	SRI
	48"	42"	48"	42"			
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
Prewathered 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:

Specular Gloss: (ASTM D-523) Low and medium gloss only
 Color Uniformity: (ASTM D-2244) Color controlled both instrumentally and visually
 Dry Film Thickness: (ASTM D-7091, ASTM D-1005, NCCA 11-13, 11-14, 11-15) Primer 0.20 ± 0.05 mil, Topcoat 0.75 ± 0.05 mil
 Hardness: (ASTM D-3363, NCCA 11-12, Eagle Turquoise Pencils) HB Minimum
 Adhesion (X-Cut): (ASTM D-3359) No adhesion loss
 Adhesion (Crosshatch): (ASTM D-3359) No adhesion loss
 Abrasion Coefficient: (ASTM D-968) 100 liters/mil topcoat
 Direct Impact Flexibility: (ASTM D-2794, Gardner Impact Tester, 1/10" Distortion) Excellent, no removal
 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
 Formability: (ASTM D-4145, 180° T-Bend on 1/8 Mandrel) No cracks or loss of adhesion
 Erosion: (20 years, 45° South Florida) Maximum 15% loss
 Humidity Resistance: (ASTM D-2247) Passes 2000 hours on Galvalume® and 4000 hours on Aluminum
 Acid Resistance: (ASTM D-1308, Proc. 3.1.1, 10% Sulfuric Acid spot test, 24 hour exposure) Excellent, no effect
 Salt Spray Resistance: (ASTM B-117) Passes 2000 hours on Galvalume® and 4000 hours on Aluminum
 Alkali Resistance: (ASTM D-1308, Proc. 5.2, 10% Sodium Hydroxide, 24 hour exposure) Excellent, no effect
 Detergent Resistance: (ASTM D-2248, 72 hours immersion in 3% solution at 100°F) Excellent, no effect
 Resistance to Acid Pollutants: (ASTM D 1308 Proc. 3.1.1, 24 hour exposure 10% HNO³ vapors) Excellent, no effect
 Weathering - Color Retention: (ASTM D-2244, 20 years, 45° South Florida) Maximum 5 NBS units color change
 Weathering - Chalk Resistance: (ASTM D-4214, 20 years, 45° South Florida) Not worse than No. 8 rating

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

BMC SAN ANTONIO
6515 Fratt 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
2015 California Crossing
Dallas, TX 75220
(972) 506-8496
Fax (972) 506-8478

BMC DENVER
7505 E. 41st Ave.
Denver, CO 80216
(303) 322-3703
Fax (303) 322-3810

BMC CHICAGO
1175 Carolina Dr.
W. Chicago, IL 60185
(630) 231-7495
Fax (630) 231-7520

BERRIDGE FLORIDA SALES CORPORATION**
8802 Venture Cove
Tampa, FL 33637
(813) 335-4505
Fax (210) 650-0379

BMC PHOENIX
5717 W. Washington St.
Phoenix, AZ 85043
(602) 385-1237
Fax (210) 650-0379

BMC ATLANTA
319 Lee Industrial Blvd.
Austell, GA 30168
(770) 941-5141
Fax (770) 941-7344

BMC OKLAHOMA CITY
1400 Exchange Ave.
Oklahoma City, OK 73108
(405) 248-7404
Fax (210) 650-0379

BMC KANSAS CITY
1235 Southwest Blvd.
Kansas City, KS 66103
(913) 227-0855
Fax (210) 650-0379

BERRIDGE CALIFORNIA SALES CORPORATION**
8442 Sultana Ave.
Fontana, CA 92335
(562) 402-2081
Fax (562) 865-7878

** Berridge California and Florida Sales Corporations are separate entities from Berridge Manufacturing Company



CORPORATE & SALES HEADQUARTERS
2610 Harry Wurzbach Road
San Antonio, TX 78209
(210) 650-3050
Fax (210) 650-0379

MANUFACTURING FACILITY
2201 Rudeloff Road
Seguin, TX 78155
(830) 401-5200
Fax (830) 303-0530

WWW.BERRIDGE.COM

© Berridge Manufacturing Company 2020