Berridge Paint Specifications

SPECIFICATIONS FOR ALL 24 & 22 GAUGE* GALVALUME® AND 0.032 & 0.040 ALUMINUM* BERRIDGE SHEET METAL PRODUCTS

- A. Prefinished metal shall be aluminum-zinc alloy coated (AZ-50 Galvalume[®]) steel sheet, 24 gauge or 22 gauge^{*}, ASTM 792, Grade 40, yield strength 40 ksi min. or 3105 alloy aluminum sheet 0.032 or 0.040^{*}, ASTM B209, H14 temper, yield strength 21 ksi min.
- B. Finish shall be full strength Kynar 500° or Hylar 5000° fluoropolymer coating applied by the manufacturer on a continuous coil coating line, with a top side dry film thickness of 0.75 ± 0.05 mil over 0.20 ± 0.05 mil prime coat, to provide a total top side dry film thickness of 0.95 ± 0.10 mil. Bottom side shall be coated with a primer (non-metallics only) and beige urethane coating with a total dry film thickness of 0.35 ± 0.05 mil. Finish shall conform to all tests for adhesion, flexibility, and longevity as specified by the Kynar 500° or Hylar 5000° finish supplier.
- C. Strippable film shall be applied to the top side of all prefinished metal to protect the finish during fabrication, shipping, and field handling. This strippable film MUST be removed immediately before installation.
- D. Acrylic-Coated Galvalume[®] metal shall be aluminum-zinc alloy coated (AZ-55 Galvalume[®]) steel sheet, 24 gauge or 22 gauge*, ASTM 792, Grade 40, yield strength 40 ksi min., with clear acrylic coating on both sides of material.
- E. Field protection must be provided by the contractor at the job site so stacked or coiled material is not exposed to weather and moisture.
- F. Flashing may be factory fabricated or field fabricated. Unless otherwise specified, all exposed adjacent flashing shall be of the same material and finish as panel system.

Note: The rolling process of sheet metal results in inherent surface unevenness referred to as "oil-canning". This condition is also caused by several factors including thermal expansion and contraction, dark colors, both medium and high-gloss finishes and uneven substrate. "Oil-canning" in itself is not sufficient cause for material rejection.

* Not all products and colors are available in 22 gauge or aluminum substrate. Consult Berridge for product and color availability.



- A. Protective strippable film (painted material only)
- B. 0.75 ± 0.05 mil Kynar 500° or Hylar 5000° top coat
- C. 0.20 \pm 0.05 mil primer coat
- D. 24 gauge or 22 gauge Galvalume[®] or 0.032 or 0.040 aluminum substrate
- E. 0.35 ± 0.05 mil total dry film thickness inclusive of primer coat (non-metallics only) and Beige urethane backer coating (all colors)

Notes:

- 1. Custom colors and finishes are available. Please consult Berridge for pricing and lead time.
- 2. Berridge metallic and premium finishes require a nominal surcharge.
- 3. Galvalume[®] is a registered trademark of BIEC International, Inc.
- 4. Kynar 500[®] is a registered trademark of Arkema, Inc.
- 5. Hylar 5000[®] is a registered trademark of Solvay Solexis.



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