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## Letter of Certification

### **6" Half-Round Gutter .027 Gauge Aluminum**

**Spectra Metal Sales, Inc. is a member of the National Coil Coating Association and uses the NCCA's standards as guidelines for physical testing.**

- The Aluminum used is alloy 3105-H24 or 3105-H25 which meets the specifications set forth in the "Aluminum Standards and Data 2006" published by the Aluminum Association. The finished gauge of the Aluminum for this coil is .027, +/- .002. The 3105 alloy is building sheet grade consisting of approximately 97% recycled materials
- The Aluminum's inside and outside coating is a thermo polyester paint which is roll coated and baked per manufactures specifications.
- The paint specifications used for our aluminum gutter coil are as follows:

|                         |  |
|-------------------------|--|
| Top Dry Film Thickness: | .60 +/- .05 mils   |
| Gloss (60°):            | 10 +/- 2 Units (varies by color)   |
| Solvent Resistance:     | 100 Double rubs (M.E.K.)   |
| Flexibility:            | .019 (+/- .002) 2 T Bend minimum   |
| Impact (N.T.O.):        | 1-1/2 Times metal thickness in Inch-Lbs (ASTM D 2794)  |
| Pencil Hardness:        | F - 2H   |
| Humidity Resistance:    | No blistering, loss of adhesion after 1,000 hours exposure to 100% relative humidity. (ASTM D 2247)                              |
| Salt Spray Resistance:  | No field blistering and no more than 1/16" creep from a score line after neutral salt spray testing for 1,000 Hours (ASTM B 117) |

