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## Letter of Certification

### **Aluminum Gutter Apron .019 x 2" x 3" x 10' Coated Aluminum Coil**

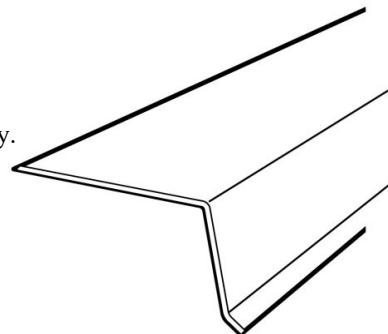
**Spectra Metal Sales, Inc. is a member of the National Coil Coating Association and uses the NCCA's standards as guidelines for physical testing.**

- The Aluminum used is alloy 3105-H15 or 3105-H25 which meets the specifications set forth in the "Aluminum Standards and Data 2020" published by the Aluminum Association. The gauge of the Aluminum for this coil is .019, +/- .002.
- 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 smooth white polyester coated coil are as follows:

Dry Film Thickness:	.80 +/- .05 mils
Gloss (60°):	10 +/- 2 Units
Solvent Resistance:	100 Double rubs (M.E.K.)
Flexibility:	.019 (+/- .003) 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)
Weathering Resistance:	Will withstand ten years outdoor southern exposure in South Florida, without cracking, blistering, splitting, or peeling.

### **Specifications & Features of the finished Product**

- Each finished piece is 10 ft in length.
- Each finished piece is 2" x 3" bent at a 30° angle.
- The coated product is covered by a 20-year limited warranty.
- Made in the USA, using 94% post consumer material.



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