# Aluminum W-Valley Material Specs.

A. All ACM W-Valley Material Products shall be made of a 3105/3025-type aluminum coil sheet with a minimum tensile strength of 25,000 psi, or equivalent, as referenced in Aluminum Standards and Data, Table 7.1. The metal shall be treated on both sides with a non-chromate chemical conversion coating to ensure proper paint adhesion and resistance to corrosion. All W-Valley products shall be coated on both sides with ACM's baked on, high performance, Polykote® 3000 paint system that is specifically formulated for residential exterior applications. The backside of all Polykote® 3000 trim coil shall be coated with a full coat of Polykote® 3000 paint. The film thickness of Smooth coatings shall be a nominal 0.70 - 0.80 mils on the topside and 0.10 – 0.20 on the backer.

B. All Aluminum W-Valley Products shall be made of a nominal .019" thick or .024" aluminum material with a H26 hardness temper rating and a 1T180-3T180 flexibility.

C. Recycled content of aluminum reaches up to 86%

## APPLICATIONS

ACM Aluminum W-Valley Material is designed for exterior use on residential and light commercial applications. It is used in most applications for covering the portion between two roofs coming together with a valley for water shedding purposes.

## CONSIDERATIONS

Corrosion is likely to happen with direct contact of aluminum product(s) to certain dissimilar materials or water run-off from same such materials. Care should be taken to avoid contact of aluminum with any corrosive materials during the installation process, including, but not limited to: concrete, stucco, pretreated lumber, corrosive chemicals, fiber cement products, masonry cement, roofing made with metallic granules of dissimilar metals (copper, zinc, steel, etc.), salt, and dissimilar metals.

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