

MATERIALS

- A. All ACM Prepainted Galvanized Roll Valley Coils shall be made of an ASTM A653 G40 CS Type B - steel coil sheet, or equivalent. The metal shall be treated on both sides with a non-chromate chemical conversion coating to ensure proper paint adhesion and resistance to corrosion. GRV8, GRV10, or GRV20 roll valley product shall be coated on the front side with ACM's baked on, high performance, Polykote® 9200 paint system that is specifically formulated for residential exterior applications. The backside of all roll valley coils shall be coated with a full coat of Polyester backer finish unless specified otherwise. The nominal film thickness of Smooth coatings shall be a 0.70 mil on the front side and 0.35 mil on the backside.
- B. Physical Properties of Coated Surface:
- Coated film hardness achieves F-2H pencil as tested per ASTM D3363
 - Solvent Resistance: 50 ~ 100+ MEK rubs as tested per ASTM D4752
 - Flexibility: Nominal 1-T180 NTO (subject to method of forming & metal thickness) as measured by ASTM D4145-83
 - Reverse Impact: 1.5X metal thickness NTO ASTM D2794
- C. ACM roll valley coil products are all packaged with one or two levels of (25) coils per skid. Coil shall be of the widths, lengths, and thickness listed below:

<u>Product</u>	<u>Nominal Width</u>	<u>Length/Coil</u>	<u>Nominal Thickness*</u>
GRV8	8"	50'	0.011"
GRV10	10"	50'	0.011"
GRV20	19.75"	50'	0.011"

- D. ACM's (0.011") Galvanized Roll Valley Coil is available in three colors Black, Royal Brown, and Tara Bronze to match ACM metal products. Please refer to color literature for color availability.

APPLICATIONS

ACM Galvanized Roll Valley Coil is designed for residential and light commercial applications. Roll valley coil can be field formed to specific contractor needs. Roll valley system shall be attached per contractor's direction.

CONSIDERATIONS

Corrosion is likely to happen with direct contact of galvanized product(s) to certain dissimilar materials or water run-off from same such materials. Care should be taken to avoid contact of galvanized 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, aluminum, etc.), salt, and dissimilar metals.

* The standard thickness tolerance for products made from aluminum sheet material shall be -0.003".