DIVISION: 07-Thermal and Moisture Protection
Section: 0727-Roof and Wall Panels

REPORT HOLDER:
ACME CUSTOM BUILT PANELS
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EVALUATION SUBJECT:
CUSTOM-BUILT STANDING SEAM METAL ROOF PANELS: CB-150

1.0 EVALUATION SCOPE
Compliance with the following codes:
- 2009 International Building Code® (IBC)
- 2009 International Residential Code® (IRC)

Properties evaluated:
- Weather resistance
- Fire classification
- Wind uplift resistance

2.0 USES
Custom-Built Standing Seam Metal Roof Panels are steel panels complying with IBC Section 1505.4 and IRC Section R605.10. The panels are recognized for use as Class A roof coverings when installed in accordance with this report.

3.0 DESCRIPTION
3.1 Roofing Panels
Custom-Built standing seam roof panels are fabricated in steel and are available in the CB-150 and SL-1750 profiles. The panels are rolled-formed at the job site to provide the standing seams between panels. See Figures 1 and 3 for panel profiles.

The standing seam roof panels are roll-formed from minimum No. 24 gage 0.024 inch thick (0.61 mm) cold-formed sheet steel. The steel conforms to ASTM A 792, with an aluminum-zinc alloy coating designation of AZ60.

4.0 INSTALLATION
4.1 General
Installation of the Custom-Built Standing Seam Roof Panels must be in accordance with this report.

5.0 CONDITIONS OF USE
The standing seam metal roof panels described in this report comply with, or are suitable alternatives to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:
5.1 Installation must comply with the applicable code, and the manufacturer’s published installation instructions. If there is a conflict between this report and the manufacturer’s published installation instructions, this report governs.
5.2 The required wind loads must be determined for each project. Wind uplift pressure on any roof area must not exceed 40 pounds per square foot (2.15 kPa).

6.0 EVIDENCE SUBMITTED:
Data in accordance with the ICC-ES Acceptance Criteria for Metal Roof Coverings (AC196), dated October 2007.

7.0 IDENTIFICATION
Each standing seam metal roof panel is identified with a label with a label bearing the product name, the material type and gauge, the Acme Custom-Built Panels name and address, and the evaluation report number (ESR-4802).