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LISTING REPORT FOR IMPACT RESISTANCE AND UPLIFT RESISTANCE

CERTAINTEED MATTERHORN AND PRESIDIO METAL ROOFING

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CSI Section: 07 41 13 Metal Roof Panels

1.0 SCOPE OF EVALUATION

1.1 Compliance to the following Standards:

- UL 2218, Standard for Impact Resistance of Prepared Roof Covering Materials
- UL 1897 Standard for Uplift Tests for Roof Covering Systems

1.2 Properties assessed:

- Impact Resistance
- Wind Uplift Resistance

2.0 DESCRIPTION

2.1 Impact Resistance: The CertainTeed Matterhorn and Presidio Metal Roofing Spanish Tile, Slate, and Shake profiles described in IAPMO UES ER-375 have an impact-resistance classification of Class 4 when tested and evaluated over solid wood decks in accordance with UL Standard 2218, Standard for Impact Resistance of Prepared Roof Covering Materials.

2.2 Wind Uplift Resistance: The CertainTeed Matterhorn and Presidio Metal Roofing Spanish Tile, Slate, and Shake profile panels described in IAPMO UES ER-375 exhibit the following wind uplift resistance pressures when tested and evaluated in accordance with UL Standard 1897, Standard for Uplift Tests for Roof Covering Systems, installed over 1/2-inch-thick (12.7 mm) plywood sheathing in the fastening configurations shown. Design wind pressures are provided in IAPMO UES ER-375 or determined by the specifying authority.

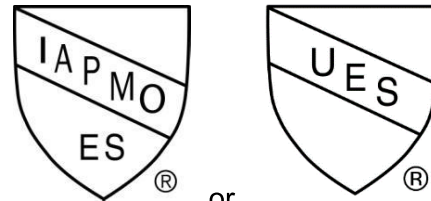
2.2.1 Spanish Tile Profile: Fastening the panels using No.10 by 1/4-inch-long (31.8 mm) corrosion-resistant panhead screws, placed through each hole along the panel fastening edge into the sheathing, resulted in a maximum ultimate uplift pressure of 175 psf (8380 Pa).

2.2.2 Slate and Shake Profiles: Fastening the panels using No. 10 by 1/4-inch-long (31.8 mm) corrosion-resistant

panhead screws, placed at 7 inches (178 mm) on center into holes along the panel top edge and between holes into the sheathing, and with the panel vertical edges secured with EC2 panel clips fastened to the sheathing with the screws, resulted in a maximum ultimate uplift pressure of 84 psf (4020 Pa).

3.0 IDENTIFICATION

The CertainTeed Matterhorn and Presidio Metal Roofing products are identified with a label on the carton or box identifying the company name (CertainTeed Corporation), the profile name and model number, the name of the inspection agency (Quality Control Consultants), the IAPMO UES Mark of Conformity and the Uniform Evaluation Listing Number (UEL-5004). Either Mark of Conformity may be used as shown below:



or
IAPMO UEL-5004

Brian Gerber, P.E., S.E.
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For additional information about this evaluation report please visit www.uniform-es.org or email at info@uniform-es.org

The products and systems described in this Uniform Evaluation Service (UES) Listing Report have been evaluated for conformance with the references described herein.

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ISO/IEC 17065
Product Certification Body
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