



EVALUATION SUBJECT: CONCRETE AND CLAY ROOF TILE INSTALLATION MANUAL

REPORT HOLDER:
Tile Roofing Institute
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[Tile Roofing Manual](#)

CSI Division: 07 THERMAL AND MOISTURE
PROTECTION
CSI Section: 073213 Clay Roof Tiles
CSI Section: 073216 Concrete Roof Tiles

1.0 SCOPE OF EVALUATION

1.1 Compliance to the following codes & regulations:

- 2012 International Building Code® (IBC)
- 2009 International Building Code® (IBC)
- 2006 International Building Code® (IBC)
- 2012 International Residential Code® (IRC)
- 2009 International Residential Code® (IRC)
- 2006 International Residential Code® (IRC)

1.2 Properties assessed:

- Concrete and Clay Roof Tile Installation
- Structural – Wind Application

2.0 PRODUCT USE

The Concrete and Clay [Roof Tile Installation Manual](#), dated July 2015, by the Tile Roofing Institute (TRI) and the Western States Roofing Contractors Association (WSRCA) provides installation instructions for concrete and clay roof tiles in accordance with the requirements of the International Building Code (IBC) and the International Residential Code (IRC) and installation methods that are alternatives to Section 1507.3.7 of the IBC and Section R905.3.7 of the IRC.

The Manual is applicable to valid and approved Evaluation Reports for concrete and clay roof tiles that reference the Manual.

3.0 DESCRIPTION

[The Manual](#) provides written narrative and illustrations for the installation of concrete and clay roof tiles. The Manual also provides design considerations for satisfying the wind load provisions of ASCE 7-10 and ASCE 7-05.

4.0 INSTALLATION

Concrete and clay roof tiles shall be installed in accordance with the Manual.

5.0 LIMITATIONS

Installation of concrete or clay roof tiles recognized in a valid and approved Evaluation Report that references the Manual, as described in this report, comply with those codes listed in Section 1.1 of this report or are considered a suitable alternative to what is specified, subject to the following:

6.0 SUBSTANTIATING DATA

6.1 The Concrete and Clay [Roof Tile Installation Manual](#) for Moderate Climate Regions, dated July 2015.

6.2 An engineering study on Seismic Performance of Roof Tile Installations.

6.3 Engineering calculations for: aerodynamic uplift moment based on data in accordance with SSTD-11; aerodynamic uplift moment; typical restoring gravity moment; batten spacing.

7.0 IDENTIFICATION

Concrete or clay roof tiles recognized in valid and approved Evaluation Reports which reference the Concrete and Clay [Roof Tile Installation Manual](#), dated July 2015, shall be labeled in accordance with their individual Evaluation Report.

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For additional information about this evaluation report please visit www.uniform-es.org or email at info@uniform-es.org

