

ICC Evaluation Service, Inc.
www.icc-es.org

Business/Regional Office ■ 5360 Workman Mill Road, Whittier, California 90601 ■ (562) 699-0543
Regional Office ■ 900 Montclair Road, Suite A, Birmingham, Alabama 35213 ■ (205) 599-9800
Regional Office ■ 4051 West Flossmoor Road, Country Club Hills, Illinois 60478 ■ (708) 799-2305

DIVISION: 07—THERMAL AND MOISTURE PROTECTION
Section: 07320—Roof Tiles

http://www.icc-es.org/reports/pdf_files/ICC-ES/ESR-2015plans.pdf
or from the Tile Roofing Institute Inc. (web site at www.tilerroofing.org).

REPORT HOLDER:

The manual is applicable to concrete and clay roof tiles recognized in current ICC-ES evaluation reports that reference the manual.

TILE ROOFING INSTITUTE INC.
POST OFFICE BOX 40337
EUGENE, OREGON 97404-0049
(888) 321-9236
www.tilerroofing.org

3.0 INSTALLATION

Roof tiles must be installed in accordance with the Concrete and Clay Roof Tile Installation Manual for Moderate Climate Regions, for locations where the January mean temperature is greater than 25°F (-4°C) and where ice damming does not occur.

EVALUATION SUBJECT:

**CONCRETE AND CLAY ROOF TILE INSTALLATION
MANUAL FOR MODERATE CLIMATE REGIONS**

4.0 CONDITIONS OF USE

Roof tiles installed in accordance with the Concrete and Clay Roof Tile Installation Manual for Moderate Climate Regions 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 condition: The concrete or clay roof tiles must be recognized in a current ICC-ES evaluation report that specifically references the Concrete and Clay Roof Tile Installation Manual for Moderate Climate Regions.

1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2003 *International Building Code*® (IBC)
- 2003 *International Residential Code*® (IRC)
- 1997 *Uniform Building Code*™ (UBC)

Properties evaluated:

Concrete and clay roof tile installation

5.0 EVIDENCE SUBMITTED

- 5.1 The Concrete and Clay Roof Tile Installation Manual for Moderate Climate Regions, dated July 2006.
- 5.2 A study on seismic performance of roof tile installations.
- 5.3 Calculations for batten spacing.
- 5.4 Calculations for aerodynamic uplift moments based on data in accordance with SSTD-11.

2.0 USES

The Concrete and Clay Roof Tile Installation Manual for Moderate Climate Regions, published by the Tile Roofing Institute Inc. and the Western States Roofing Contractors Association, and dated July 2006 (the manual), describes a method for installation of concrete and clay roof tiles that is an alternative to IBC Section 1507.3.7, IRC Section R905.3.7, and UBC Tables 15-D-1 and 15-D-2. Copies of the manual are available on the ICC-ES web site at