



EAGLE ROOFING PRODUCTS

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CONCRETE ROOF TILES

CSI Section: 07 32 16 Concrete Roof Tiles

1.0 RECOGNITION

The Eagle Roofing Product's Eagle and Eaglelite Interlocking Concrete Roofing Tiles and their accessories recognized in this report have been evaluated for use as concrete roof tile assemblies. The weather resistance, wind uplift resistance, and fire classification were found to be in compliance with IBC Chapter 15 and IRC Chapter 9 for use as a component in a Class A, B, or C roof covering. The following code editions are recognized:

- 2024, 2021, and 2018 International Building Code® (IBC) *
- 2024, 2021, and 2018 International Residential Code® (IRC) *
- 2025 and 2022 California Building Code (CBC) – Supplement attached
- 2025 and 2022 California Residential Code (CRC) – Supplement attached
- 2023 Florida Building Code, Building (FBC, Building) – Supplement attached
- 2023 Florida Building Code, Residential (FBC, Residential) – Supplement attached

* Applicable code sections are detailed in Section 7.0 of this report.

2.0 LIMITATIONS

Eagle Roofing Product's Eagle and Eaglelite Interlocking Concrete Roofing Tiles recognized in this report are subject to the following limitations:

2.1 The roof tiles shall be manufactured, identified, and installed in accordance with this report, and the applicable code and the Roof Tile Installation Manual. Where conflicts between this report and the installation instructions occur, the more restrictive shall govern.

2.2 Eagle Roofing Product's Concrete Roof Tile shall be installed on roof slopes of 2½ units vertical in 12 units horizontal (21-percent slope) or greater.

2.3 The supporting structure shall be designed to support the loads and is beyond the scope of this report.

2.4 Eagle Roofing Products tiles and accessories are produced in Sumterville, FL; Rialto, CA; Stockton, CA; and Phoenix, AZ, as noted in Tables 1A through 1C of this report.

3.0 PRODUCT USE

3.1 General: Eagle Roofing Product's Concrete Roof Tiles shall be used as a roof covering in accordance with IBC Section 1503 or IRC Section 903 as applicable.

The tiles and their accessory trim pieces:

- Satisfy the requirements of ASTM C1492;
- Provide a Class A Fire Classification when tested on combustible decks in accordance with ASTM E108.

Eagle Roofing Product's Concrete Roof Tiles shall be anchored by fasteners complying with Section 1507.3.6 of the IBC or Section R905.3.7 of the 2024 IRC (Section R905.3.6 of the 2021 and 2018 IRC), as applicable.

3.2 Installation:

3.2.1 Installation under the 2024 IBC and IRC: Eagle Roofing Products concrete roof tiles installation shall be in accordance with IBC Section 1507.3 and IRC Section R905.3, as applicable.

3.2.2 Installation in Accordance with the 2021 and 2018 IBC or IRC: Eagle Roofing Product's Eagle and Eaglelite Interlocking Concrete Roofing Tiles recognized in this report shall be installed in accordance with IBC Section 1507.3 or IRC Section R905.3, including the attachment requirements of IBC Section 1507.3.7 or IRC Section R905.3.7, as applicable and the Concrete and Clay Roof Tile Installation Manual, dated, March 2024 (Revised May 2025), published by the Tile Roofing Institute Alliance. Underlayment shall conform to IBC Section 1507.1.1 or IRC Section R905.1.1.

3.3 Anchoring: Eagle Roofing Product's Eagle and Eaglelite Interlocking Concrete Roofing Tiles recognized in this report may be anchored using mortar in accordance with the applicable building code and, where permitted, the TRI Manual ([IAPMO UES ER-2015](#)) or adhesively attached in accordance with the adhesive manufacturer's research report issued by an approved evaluation service agency.

4.0 PRODUCT DESCRIPTION

4.1 General: Eagle Roofing Product's Concrete Roof Tiles recognized in this report satisfy the requirements of ASTM C1492-03. Eagle Roofing Product's Concrete Roof Tiles installation shall be in accordance with the applicable code, the Concrete and Clay Roof Tile Installation Manual dated March 2024 (Revised May 2025), and this report. In the event of a conflict, provisions of this report govern.



The TRI manual is available for download attached to [IAPMO UES ER-2015](#) from the UES website at www.uniform-es.org. The Eagle roof tiles and Eaglelite roof tiles are similar in production except that the Eaglelite tiles are produced with lightweight aggregates in lieu of sand. Figure 1 of this report includes typical profiles of the Eagle roof tiles.

4.2 Wind uplift Resistance: Tile shall be attached to the roof structure in accordance with IBC Section 1507.3.7 or 2024 IRC Section R905.3.8 (2021 and 2018 IRC Section R905.3.7), as applicable.

4.3 Fire Classification: Eagle Roofing Product's Concrete Roof Tiles, when installed in accordance with this report on minimum $1\frac{5}{32}$ -inch-thick (12 mm) plywood solid sheathing or noncombustible decks, the assembly incorporating the roof tiles achieves an ASTM E108 Class A rating in accordance with Section 1505.2 of the IBC and Section R902.1 of the IRC, as applicable. Roof classifications for adhesively attached systems shall be in accordance with the adhesive manufacturer's approved research report.

4.4 Reroofing Applications:

4.4.1 2024 IBC and IRC: Reroofing applications shall follow the requirements of Section 1512 of the IBC and Section R908 of the IRC, as applicable.

4.4.2 2021 and 2018 IBC and IRC: Reroofing applications shall follow the requirements of the Concrete and Clay Roof Tile Installation Manual for Moderate Climate Regions. In addition, conformance to Section 1512 of the 2021 IBC, Section 1511 of the 2018 IBC, or Section R908 of the 2021, and 2018 IRC, as applicable shall be observed.

5.0 IDENTIFICATION

Shipping pallets are identified with the report holder's name (Eagle Roofing Products), manufacturing location address, product name, installed weight, shift and date of production, the UES Mark of Conformity and evaluation report number (IAPMO UES ER-1900). The tiles produced in the Sumterville, Florida, manufacturing facility are additionally identified with "Florida" imprinted on each tile. The UES Mark of Conformity may also be used as shown below:



6.0 SUBSTANTIATING DATA

Eagle Roofing Product's Concrete Roof Tiles are manufactured in the facilities specified in Tables 1A through 1C of this report, under a quality control program.

6.1 Test reports are from laboratories in compliance with ISO/IEC 17025.

6.2 Test reports in accordance with ASTM C1167.

6.3 Test reports in accordance with ASTM E108.

6.4 Quality control documentation

7.0 REFERENCE CODE SECTIONS

The code references apply to the recognition provided in this report but may not include every code section related to the use of this product.

2024 International Building Code:

- Section 104.2.3 Alternative materials, design and methods of construction and equipment.
- Section 1504.3 Wind resistance of clay and concrete tile
- Section 1505 Fire Classification
- Section 1507.3 Clay and concrete tile

2021 and 2018 International Building Code:

- Section 104.11 Alternative materials, design and methods of construction and equipment
- Section 1504.3 Wind resistance of clay and concrete tile
- Section 1505 Fire Classification
- Section 1507.3 Clay and concrete tile

2024 International Residential Code:

- Section R104.2.2 Alternative materials, design and methods of construction and equipment.
- Section R902 Fire Classification
- Section R905.3 Clay and concrete tile

2021 and 2018 International Residential Code:

- Section R104.11 Alternative materials, design and methods of construction and equipment
- Section R902 Fire Classification
- Section R905.3 Clay and concrete tile

8.0 STATEMENT OF RECOGNITION

This evaluation report describes the results of research completed by IAPMO Uniform Evaluation Service on Eagle Roofing Product's Concrete Roof Tiles to assess its conformance to the codes and standards shown in Section 1.0 of this report and documents the product's certification. Products are manufactured at the locations noted in Section 2.4 of this report under a quality control program with periodic inspections under the supervision of IAPMO UES.

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



EVALUATION REPORT

Number: 1900

Originally Issued: 01/15/2016

Revised: 11/24/2025

Valid Through: 01/31/2029

TABLE 1A - Tiles Manufactured at Rialto or Stockton, California

Tile	Installed Dry Weight ¹ (psf)	Dimensions ² (inch)	Tile Factor		Tile Type
		Length X Width	TF (ft ³)	Ratio ¹	
Capistrano	9.0	17 X 12 ³ / ₈	1.4625	1.039	Type I – High Profile
Malibu	9.0	17 X 12 ³ / ₈	1.486	1.056	Type II – Medium Profile
Bel Air	9.7	17 X 12 ³ / ₈	1.4683	1.044	Type III – Low Profile
Ponderosa	9.7	17 X 12 ³ / ₈	1.4683	1.044	Type III – Low Profile
Golden Eagle	9.7	17 X 12 ³ / ₈	1.4683	1.044	Type III – Low Profile
Double Eagle Ponderosa	9.7	17 X 12 ³ / ₈	1.4683	1.044	Type III – Low Profile
Tapered Slate	9.7	17 x 12 ³ / ₈	1.4683	1.044	Type III – Low Profile
Estate	9.7	17 X 12 ³ / ₈	1.4683	1.044	Type III – Low Profile
Double Eagle Bel Air	9.7	17 X 12 ³ / ₈	1.4683	1.044	Type III – Low Profile
Eaglelite Capistrano	5.7	17 X 12 ³ / ₈	1.4625	1.039	Type I – High Profile
Eaglelite Malibu	5.5	17 X 12 ³ / ₈	1.486	1.056	Type II – Medium Profile
Eaglelite Ponderosa	7.2	17 X 12 ³ / ₈	1.4683	1.044	Type III – Low Profile
Eaglelite Bel Air	7.2	17 X 12 ³ / ₈	1.4683	1.044	Type III – Low Profile
Eaglelite Double Eagle Ponderosa	7.2	17 X 12 ³ / ₈	1.4683	1.044	Type III – Low Profile
Eaglelite Estate	7.2	17 x 12 ³ / ₈	1.4683	1.044	Type III – Low Profile
Eaglelite Golden Eagle	7.2	17 x 12 ³ / ₈	1.4683	1.044	Type III – Low Profile

For SI: 1 inch = 25.4 mm, 1 psf = 4.88 kg/m²

TABLE 1B - Tiles Manufactured at Phoenix, Arizona

Tile	Installed Dry Weight ¹ (psf)	Dimensions ² (inch)	Tile Factor		Tile Type
		Length X Width	TF (ft ³)	Ratio ¹	
Capistrano	9.0	17 X 12 ³ / ₈	1.4625	1.039	Type I – High Profile
Malibu	9.0	17 X 12 ³ / ₈	1.486	1.056	Type II – Medium Profile
Bel Air	9.7	17 X 12 ³ / ₈	1.4683	1.044	Type III – Low Profile
Estate	9.7	17 X 12 ³ / ₈	1.4683	1.044	Type III – Low Profile
Double Eagle Bel Air	9.7	17 X 12 ³ / ₈	1.4683	1.044	Type III – Low Profile
Ponderosa	9.7	17 X 12 ³ / ₈	1.4683	1.044	Type III – Low Profile
Double Eagle Ponderosa	9.7	17 X 12 ³ / ₈	1.4683	1.044	Type III – Low Profile
Tapered Slate	9.7	17 x 12 ³ / ₈	1.4683	1.044	Type III – Low Profile
Golden Eagle	9.7	17 X 12 ³ / ₈	1.4683	1.044	Type III – Low Profile

For SI: 1 inch = 25.4 mm, 1 psf = 4.88 kg/m²

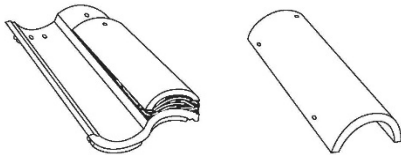
TABLE 1C - Tiles Manufactured at Sumterville, Florida

Tile	Installed Dry Weight ¹ (psf)	Dimensions ² (inch)	Tile Factor		Tile Type
		Length X Width	TF (ft ³)	Ratio ¹	
Capistrano	8.8	17 X 12 ³ / ₈	1.4625	1.039	Type I – High Profile
Malibu	7.95	17 X 12 ³ / ₈	1.486	1.056	Type II – Medium Profile
Bel Air	9.7	17 X 12 ³ / ₈	1.4683	1.044	Type III – Low Profile
Estate	9.7	17 X 12 ³ / ₈	1.4683	1.044	Type III – Low Profile
Double Eagle Bel Air	9.7	17 X 12 ³ / ₈	1.4683	1.044	Type III – Low Profile
Ponderosa	9.7	17 X 12 ³ / ₈	1.4683	1.044	Type III – Low Profile
Double Eagle Ponderosa	9.7	17 X 12 ³ / ₈	1.4683	1.044	Type III – Low Profile
Tapered Slate	9.7	17 x 12 ³ / ₈	1.4683	1.044	Type III – Low Profile
Golden Eagle	9.7	17 X 12 ³ / ₈	1.4683	1.044	Type III – Low Profile

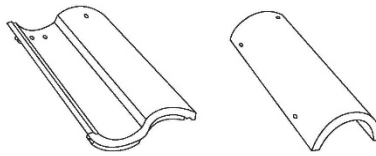
For SI: 1 inch = 25.4 mm, 1 psf = 4.88 kg/m²

Notes: 1. Used on a 3-inch headlap

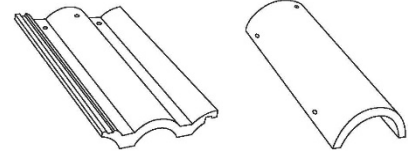
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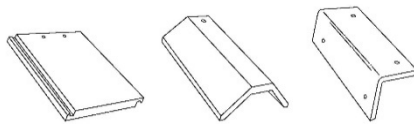
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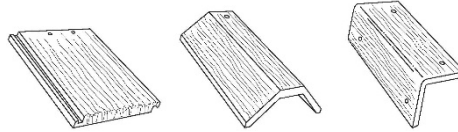
Capistrano



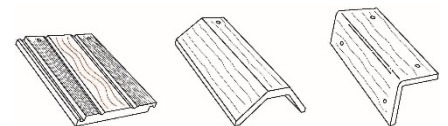
Malibu



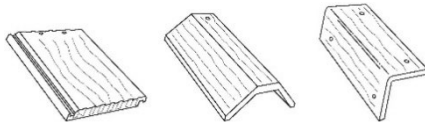
Bel Air



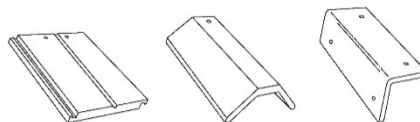
Ponderosa



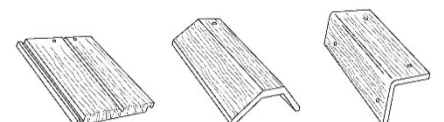
Golden Eagle



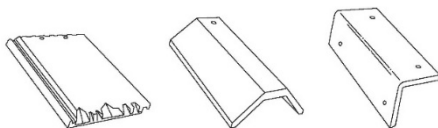
Estate



Double Eagle Bel Air



Double Eagle Ponderosa



Tapered Slate

**FIGURE 1
CONCRETE TILE AND TRIM PROFILES**



CALIFORNIA SUPPLEMENT

EAGLE ROOFING PRODUCTS

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EAGLE ROOFING PRODUCTS – CONCRETE ROOF TILES

CSI Section: 07 32 16 Concrete Roof Tiles

1.0 RECOGNITION

The Eagle and Eaglelite Interlocking Concrete Roof Tiles recognized and installed in accordance with IAPMO UES ER-1900 and as noted in this supplement are satisfactory alternatives to the following codes and regulations:

- 2025 and 2022 California Building Code (CBC)
- 2025 and 2022 California Residential Code (CRC)

2.0 LIMITATIONS

Use of the Eagle and Eaglelite Concrete Roof Tiles recognized in this report supplement is subject to the following limitations:

2.1 The design and installation of the Eagle and Eaglelite Concrete Roof Tiles shall be in accordance with Sections 1507.3.10 of the CBC or Section R905.3 of the CRC, as applicable, and IAPMO UES ER-1900.

2.2 The Eagle and Eaglelite Concrete Roof Tiles may be used as a Class A, B, or C roof covering system complying with Sections 1505.1.1 of the CBC or R902.1.1 of the CRC; Sections 1505.1.2 of the CBC or R902.1.2 of the CRC, respectively.

2.3 The Eagle and Eaglelite Concrete Roof Tiles may be used in new buildings located in any Fire Hazard Severity Zone or any Wildland-Urban Interface Fire Area designated by the enforcing agency constructed after the application date shall comply with Sections 101.3.4, 501.1, 504 of the CWUIC, as applicable and with the 2024 IBC as presented in IAPMO UES ER-1900.

2.4 Eagle and Eaglelite Interlocking Concrete Roof Tiles used on structures regulated by the Division of the State Architect, or the Office of Statewide Planning and Development are subject to installation provisions in CBC Section 1513.

2.5 This supplement expires concurrently with IAPMO UES ER-1900.

For additional information about this evaluation report please visit

www.uniform-es.org or email at info@uniform-es.org



FLORIDA SUPPLEMENT

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CONCRETE ROOF TILES

CSI Section: 07 32 16 Concrete Roof Tiles

1.0 RECOGNITION

The Eagle and Eaglelite Interlocking Concrete Roof Tiles evaluated in IAPMO UES ER-1900 are satisfactory alternatives to the following codes and regulations:

- 2023 Florida Building Code, Building (FBC, Building)
- 2023 Florida Building Code, Residential (FBC, Residential)

2.0 LIMITATIONS

Use of Eagle and Eaglelite Interlocking Concrete Roof Tiles evaluated in IAPMO UES ER-1900 and this supplement is subject to the following limitations:

2.1 Verification shall be provided that a quality assurance agency audits the manufacturer's quality assurance program and audits the production quality of products, in accordance with Section (5)(d) of Florida Rule 61G20-3.008. The quality assurance agency shall be approved by the Commission (or the building official when the report holder does not possess an approval by the Commission).

2.2 Evaluation to the high-velocity hurricane zone provisions in Section 1512 of the FBC, Building and Chapter 44 of the FBC, Residential is beyond the scope of this report.

2.3 Design requirements shall be determined in accordance with the applicable code.

2.4 The installation of tile on a minimum 2 units vertical in 12 units horizontal (1.67 percent) is allowed by FRSA/TRI Florida High Wind Concrete and Clay installation manual for installations with a sealed roof underlayment system with a code approved adhesive.

2.5 Installation shall be in accordance with the Florida Building Code, Building Section 1507.3.

2.6 Reroofing shall be in accordance with Florida Building Code, Building Section 1511.

2.7 This supplement expires concurrently with ER-1900.

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