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# ICC-ES Report

# ESR-3286

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Reissued 02/2017  
This report is subject to renewal 02/2018.

**DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION**  
**SECTION: 07 30 05—ROOFING FELT AND UNDERLAYMENT**

**REPORT HOLDER:**

**GAF**

**1 CAMPUS DRIVE  
PARSIPPANY, NEW JERSEY 07054**

**EVALUATION SUBJECT:**

**TIGER PAW™ ROOF DECK PROTECTION UNDERLAYMENT**



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# ICC-ES Evaluation Report

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**DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION**  
**Section: 07 30 05—Roofing Felt and Underlayment**

## REPORT HOLDER:

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## EVALUATION SUBJECT:

**TIGER PAW™ ROOF DECK PROTECTION UNDERLAYMENT**

### 1.0 EVALUATION SCOPE

#### Compliance with the following codes:

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

#### Properties evaluated:

- Physical properties
- Water resistance
- Fire classification

### 2.0 USES

Tiger Paw™ Roof Deck Protection is a mechanically attached roofing underlayment intended for use as an alternative to Type I and Type II ASTM D226 roofing underlayments specified in Chapter 15 of the IBC and Chapter 9 of the IRC. The underlayment is also for use on roofs of buildings required to have classified roof coverings.

### 3.0 DESCRIPTION

Tiger Paw™ Roof Deck Protection is comprised of two layers of nonwoven polyolefin sheets laminated together and coated with a polymer coating on one side. The underlayment is grey in color and has a nominal weight of 0.36 ounce per square yard (195 g/m<sup>2</sup>). Roll width is 48 inches (1219 mm) and rolls are available in various lengths.

### 4.0 INSTALLATION

#### 4.1 General:

Installation must comply with the applicable code, this report and the manufacturer's published installation

instructions. The manufacturer's installation instructions must be available at the jobsite at all times during installation.

Prior to application of the underlayment, the deck surface must be dry and free of dust and dirt, loose nails and other protrusions. Damaged sheathing must be replaced.

Tiger Paw™ Roof Deck Protection is applied horizontally (parallel to the eave) starting at the lowest eave point, printed side up, with minimum 3-inch (76 mm) horizontal (head) laps and 6-inch (152 mm) vertical (end) laps. Overlaps run with the flow of water in a shingle manner. The underlayment is attached to the roof deck as set forth in the published installation instructions, except in areas subject to basic wind speeds (3-second gust) in excess of 110 miles per hour (49 m/s), where the underlayment must be applied in accordance with IBC Section 1507.2.8.1 or IRC Section R905.2.7.2 for asphalt shingle roof coverings or IRC Section R905.3.3.3 for concrete and clay tile roof coverings, as applicable.

The minimum roof slope and the minimum number of layers of underlayment must comply with the requirements set forth in IBC Chapter 15 or IRC Chapter 9, as applicable, based upon the type of roof covering being installed over the underlayment.

#### 4.2 Reroofing:

For reroofing applications, the same procedures set forth in Section 4.1 apply after removal of the existing roof covering and roofing felts to expose the roof deck.

#### 4.3 Fire Classification:

The roofing underlayment may be installed as a component of a roof assembly that requires a fire classification as set forth in Section 5.4.

#### 4.4 Ice Barrier:

In areas of the roof required to have an ice barrier under Chapter 15 of the IBC or Chapter 9 of the IRC, a self-adhering polymer modified bitumen sheet complying with ASTM D1970 or the ICC-ES Acceptance Criteria for Severe Climate Underlayments (AC48), is permitted to be applied over the solid substrate in sufficient courses so as to extend a minimum distance of 24 inches (610 mm) inside the exterior wall line of the building. The underlayment, in the field of the roof, must overlap the ice barrier.

### 5.0 CONDITIONS OF USE

The Tiger Paw™ Roof Deck Protection Underlayment described in this report complies with, or is a suitable

alternative 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, the manufacturer's published installation instructions and this report. In the event of a conflict between the manufacturer's installation instructions and this report, this report governs.
- 5.2 Installation is limited to use with roof coverings that do not involve hot asphalt or coal-tar pitch.
- 5.3 Installation is limited to roofs with ventilated attic spaces in accordance with the requirements of the applicable code.
- 5.4 Under the 2009 IBC, the underlayment may be used in Class A roof assemblies that utilize roof coverings specified in the Exception to Section 1505.2. Under the 2009 IRC, the underlayment may be used in Class A roof assemblies that utilize roof coverings specified in the Exception to Section R902.1.

Under the 2006 IBC, the underlayment may be used in Class A or Class B roof assemblies that utilize the roof coverings specified in the exception to Sections 1505.2 and 1505.3. Under the 2006 IRC, the underlayment may be used with roof coverings of

brick, masonry, slate, clay or concrete roof tile, concrete roof deck, ferrous or copper shingles or sheets, and metal sheets and shingles where such roof coverings are permitted to be used in lieu of a Class A assembly under Section R902.1.

- 5.5 Installation is limited to roofs with a minimum slope of 2:12 (16.67 percent).
- 5.6 The product is manufactured under a quality control program with inspections by ICC Evaluation Service, LLC.

## 6.0 EVIDENCE SUBMITTED

Data in accordance with the ICC-ES Acceptance Criteria for Roof Underlayments (AC188), dated February 2012, including a report of testing in accordance with ASTM E108.

## 7.0 IDENTIFICATION

Each roll of the Tiger Paw™ Roof Deck Protection roofing underlayment described in this report is marked with the report holder's name, name of the product, the date code and location of manufacture, and the evaluation report number.