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# ICC-ES Evaluation Report

# ESR-2799

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Reissued 07/2017  
This report is subject to renewal 07/2018.

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

**REPORT HOLDER:**

**MBTECHNOLOGY**

**188 SOUTH TEILMAN AVENUE  
FRESNO, CALIFORNIA 93706**

**EVALUATION SUBJECT:**

**LAYFAST SBS ROOF UNDERLAYMENTS: TU35, TU43 AND TU70**



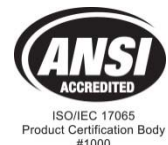
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**DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION**  
**Section: 07 30 05—Roofing Felt and Underlayment**

## REPORT HOLDER:

**MBTECHNOLOGY**  
188 SOUTH TEILMAN AVENUE  
FRESNO, CALIFORNIA 93706  
(559) 233-2181  
[www.mbtechnology.com](http://www.mbtechnology.com)

## EVALUATION SUBJECT:

**LAYFAST SBS ROOF UNDERLAYMENTS: TU35, TU43, AND TU70**

### 1.0 EVALUATION SCOPE

#### Compliance with the following codes:

- 2012, 2009 and 2006 *International Building Code*® (IBC)
- 2012, 2009 and 2006 *International Residential Code*® (IRC)
- 1997 *Uniform Building Code*™ (UBC)

#### Properties evaluated:

- Durability
- Physical properties

### 2.0 USES

Layfast SBS roof underlayments are for use as alternatives to the ASTM D226, Type I and Type II, underlayment specified in Chapter 15 of the IBC and Chapter 9 of the IRC; and to the Type 15 and Type 30 underlayments specified in Chapter 15 of the UBC. The Layfast SBS roof underlayments are used with asphalt shingles, tile, wood shingles or shakes, and metal roofing.

### 3.0 DESCRIPTION

The sheet materials are fiberglass-reinforced SBS modified membranes, available in rolls 39<sup>3</sup>/<sub>4</sub> inches wide (1000 mm) and having a nominal weight of 36.4 pounds per 100 square feet (TU35), 41.0 pounds per 100 square feet (TU43), and 63.2 pounds per 100 square feet (TU70). The membranes are coated on both sides with a fine mineral parting agent.

### 4.0 INSTALLATION

The underlayments must be installed over solid sheathing. Application must comply with Chapter 15 of the IBC and UBC and Chapter 9 of the IRC, as applicable. The membrane is applied at right angles to the slope of the

roof, beginning at the low point of the roof. Sidelaps are a minimum of 2 inches (51 mm) and are nailed at 12 inches (305 mm) on center. End laps are a minimum of 6 inches (152 mm) and are nailed at 6 inches (152 mm) on center. Nails must be corrosion-resistant capped nails complying with the applicable code. Installation of the roof covering can proceed immediately following application of the membrane. The membrane should be covered by an approved roof covering as soon as possible.

### 5.0 CONDITIONS OF USE

The Layfast SBS roof underlayments described in this report 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 conditions:

- 5.1 The underlayment must be manufactured, identified and installed in accordance with this report and the manufacturer's instructions. In the event of a conflict between this report and the manufacturer's instructions, this report governs.
- 5.2 Installation of underlayment is limited to roof slopes of 2:12 (16.67%) and greater and installations where the roof covering does 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 The underlayment is limited to use with roof coverings that are mechanically fastened through the underlayment to the sheathing or rafters.
- 5.5 Installation is limited to use with nonclassified roof coverings or as a component of a classified roofing assembly when specifically recognized as such in a listing approved by the code official.
- 5.6 The underlayment is manufactured in Fresno, California, under a quality control program with inspections by ICC-ES.

### 6.0 EVIDENCE SUBMITTED

Data and reports of tests in accordance with the ICC-ES Acceptance Criteria for SBS Modified Asphalt-coated Glass-fiber-mat Roof Underlayment (AC165), dated October 2012.

### 7.0 IDENTIFICATION

Each roll is identified with the MBTechnology name and address, the evaluation report number (ESR-2799).