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**DIVISION: 07—THERMAL AND MOISTURE PROTECTION**  
**Section: 07305—Roofing Felt and Underlayment**

**REPORT HOLDER:**

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**EVALUATION SUBJECT:**

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

## 1.0 EVALUATION SCOPE

**Compliance with the following codes:**

- 2006 *International Building Code*® (IBC)
- 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 D 226, 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 1997 Uniform Building Code™ (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 (1.78 kg/m<sup>2</sup>) (TU35), 41.0 pounds per 100 square feet (2.00 kg/m<sup>2</sup>) (TU43), and 63.2 pounds per 100 square feet

(3.09 kg/m<sup>2</sup>) (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 underlayment described in this report complies 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** The underlayment is manufactured in Fresno, California, under a quality control program with inspections by Intertek Testing Services (AA-688).

## 6.0 EVIDENCE SUBMITTED

Data and reports of tests in accordance with the ICC-ES Acceptance Criteria for Asphalt-coated Glass-fiber-mat Roof Underlayment (AC165), dated July 2000 (Editorially revised October 2004).

## 7.0 IDENTIFICATION

Each roll is identified with the MBTechnology name and address, the evaluation report number (ESR-2799 or [ER-4083](#)) and the name of the inspection agency (Intertek Testing Services NA Ltd.).