

UL Evaluation Report



UL ER10689-01

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UL Category Code: ULEZ

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DIVISION: 07 00 00 – THERMAL AND MOISTURE PROTECTION

Sub-level 2: 07 30 00 - Steep Slope Roofing

COMPANY:

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1. SUBJECT: RoofPro™ SBS-Modified All-Purpose Underlayment

2. SCOPE OF EVALUATION

- 2015, 2012, 2009 and 2006 *International Building Code*® (IBC)
- 2015, 2012, 2009 and 2006 *International Residential Code*® (IRC)
- ICC-ES Acceptance Criteria for SBS Modified Asphalt-Coated Glass-Fiber-Mat Roof Underlayment (AC165), Dated October 2012
- ICC ES Acceptance Criteria for Quality Documentation (AC10), Dated June 2014

The products were evaluated for the following properties:

- Durability
- Physical properties
- Roofing Systems for Exterior Fire Exposure

3. REFERENCED DOCUMENTS

- ANSI/UL790 (ASTM E108), Standard Test Methods for Fire Tests of Roof Coverings Eighth Edition including revisions through July 29, 2014
- ICC-ES Acceptance Criteria for SBS Modified Asphalt-Coated Glass-Fiber-Mat Roof Underlayment, AC165 Dated October 2012
- ICC-ES Acceptance Criteria for Quality Documentation, AC10 Dated June 2014

4. USES

RoofPro™ SBS-Modified All-Purpose Underlayment described in this report is used as an alternative to ASTM D226, Type I and Type II roofing underlayment specified in [Chapter 15](#) of 2015, 2012, 2009 and 2006 IBC and [Chapter 9](#) of the 2015, 2012, 2009 and 2006 IRC. RoofPro™ SBS-Modified All-Purpose Underlayment roofing underlayment may also be used as a component of classified roofing assemblies when installed as described in this report.

5. PRODUCT DESCRIPTION

RoofPro™ SBS-Modified All-Purpose Underlayment is a smooth surfaced SBS-modified, asphalt-coated, glass-fiber-mat underlayment.

RoofPro™ SBS-Modified All-Purpose Underlayment is supplied in rolls nominally 65.8 ft. (20 m) in length and 39.4 in. (1 m) in width with an approximate coverage area of 2 squares 216 sq. ft. (20.1 m²).

6. INSTALLATION

RoofPro™ SBS-Modified All-Purpose Underlayment must be installed in accordance with the applicable code, this report and the manufacturer's published installation instructions. The underlayment must be installed over solid or closely spaced sheathing.

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

Prior to installation of RoofPro™ SBS-Modified All-Purpose Underlayment, the deck surface must be clean, dry and free of debris. Damaged sheathing must be replaced.

RoofPro™ SBS-Modified All-Purpose Underlayment must be installed on roof decks with minimum slope of 2:12. The minimum required number of layers of underlayment must comply with the requirements in [Section 1507](#) of 2015, 2012, 2009 and 2006 IBC and [Section R905](#) of 2015, 2012, 2009 and 2006 of IRC based upon the type of roof covering materials installed over the underlayment.

RoofPro™ SBS-Modified All-Purpose Underlayment must be installed in accordance with the manufacturer's detailed installation instructions, published by GAF available at:

[\(GAF RoofPro Underlayment Application Instructions Link, Updated 2/10\)](#)

Installation of an approved roof covering material shall be installed within the time stated in the underlayment manufacturer's published installation instructions.



7. ICE BARRIER

For areas of the roof required to have an ice barrier in accordance with [Chapter 15](#) of 2015, 2012, 2009 and 2006 IBC and [Chapter 9](#) of the 2015, 2012, 2009 and 2006 IRC, two layers of RoofPro™ SBS-Modified All-Purpose Underlayment shall be solidly cemented together with a roofing cement complying with ASTM D 4586, or one layer of self-adhering polymer modified bitumen sheet complying with ASTM D 1970, or an acceptable membrane used as an alternative to the ice barrier required by [Chapter 15](#) of 2015, 2012, 2009 and 2006 IBC and [Chapter 9](#) of the 2015, 2012, 2009 and 2006 IRC and must be applied for a minimum distance of 24 inches (610 mm) inside the exterior wall line of the building. The roof underlayment, in the field of the roof, must overlap the ice barrier.

8. CLASSIFIED ROOFING

RoofPro™ SBS-Modified All-Purpose Underlayment™ may be used as an accessory component of a classified prepared roof covering system consisting of Class A glass fiber mat shingle or Class C asphalt organic felt shingles installed directly on minimum 15/32-inch-thick (12.0 mm) compliant exterior plywood sheathing or minimum 7/16-inch-thick (11 mm) oriented stranded board (OSB) or minimum nominal 1 inch-thick (25 mm) wood plank complying with the applicable code under the 2015, 2012 and 2009 IBC and IRC.

Refer to the UL Certification Category for Prepared Roofing Accessories (TGDY), File R10689 ([Link](#)) for applicable coverage.

RoofPro™ SBS-Modified All-Purpose 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](#) of the 2006 IBC. RoofPro™ SBS-Modified All-Purpose Underlayment may be used with roof covering materials of brick, masonry, slate, clay or concrete roof tile, exposed concrete roof deck, ferrous or copper shingles or sheets, and metal sheet and shingles where such roof covering materials are permitted to be used in lieu of a Class A assembly under [Section R902.1](#) of the 2006 IRC.

9. CONDITIONS OF USE

RoofPro™ SBS-Modified All-Purpose Underlayment described in this report complies with, or is a suitable alternative to what is specified in, those codes listed in Section 2 of this report, subject to the following conditions:

- 9.1** Materials and methods of installation shall comply with this report and the manufacturer's published installation instructions. In the event of a conflict between the installation instructions and this report, this report governs.
- 9.2** RoofPro™ SBS-Modified All-Purpose Underlayment is not intended for use under metal roof coverings.
- 9.3** Installment of the roofing underlayment is limited to roof slopes of 2:12 (16.67%) and greater and the roof covering material does not involve hot asphalt or coal-tar pitch.
- 9.4** The underlayment is limited to use with roof material coverings that are mechanically fastened through the underlayment to the sheathing or rafters.
- 9.5** Installation of RoofPro™ SBS-Modified All-Purpose Underlayment must be limited to roofs with ventilated attic spaces in accordance with the requirements of the applicable code



- 9.6** RoofPro™ SBS-Modified All-Purpose Underlayment covered under this report is produced by GAF in Stockton, CA and Fontana, CA and manufactured under the UL LLC Classification and Follow-Up Service Program, which includes regular audits in accordance with ICC-ES Acceptance Criteria for Quality Documentation, AC10.

10. SUPPORTING EVIDENCE

- 10.1** Data in accordance with ICC-ES Acceptance Criteria for SBS Modified Asphalt-Coated Glass-Fiber-Mat Roof Underlayment (AC165).
- 10.2** Manufacturer's descriptive product literature, including installation instructions.
- 10.3** UL test reports and Classification in accordance with ANSI/UL 790. See UL Product Certification Category for Prepared Roofing Accessories, File R10689 ([TG DY](#)).
- 10.4** Quality Documentation in accordance with ICC-ES Acceptance Criteria for Quality Documentation, AC10.

11. IDENTIFICATION

RoofPro™ SBS-Modified All-Purpose Underlayment described in this evaluation report is identified by a marking bearing the report holder's name (GAF), the product name, the plant identification, the UL Classification Mark, and the evaluation report number ER10689-01. The validity of the evaluation report is contingent upon this identification appearing on the product.

12. USE OF UL EVALUATION REPORT

- 12.1** The approval of building products, materials or systems is under the responsibility of the applicable authorities having jurisdiction.
- 12.2** UL Evaluation Reports shall not be used in any manner that implies an endorsement of the product, material or system by UL.
- 12.3** The current status of this report, as well as a complete directory of UL Evaluation Reports may be found at UL.com via our On-Line Certifications Directory:

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