



# PRI Evaluation Report

PRI ER 1378E15-2023FBC

Issue Date: 04/24/2025

Last Revision: Original Issue

This Report is Reviewed Annually

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## Report Holder:

**Lowe's Home Improvement**

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## SCOPE

### Subject: Synthetic Roof Underlayment

#### Products:

Reliabl Synthetic Roofing Underlayment

#### CSI MasterFormat®:

DIVISION: 07 00 00 – THERMAL AND MOISTURE PROTECTION

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

#### Code References:

- F.A.C. Rule 61G20-3
- Florida Building Code, 8<sup>th</sup> Edition (2023) including the High-Velocity Hurricane Zone

#### Properties Evaluated:

- Physical Properties (ASTM D8257)

#### Evidence Submitted:

- Recognized test report(s) indicating compliance with ASTM D8257
- Quality Documentation
- Manufacturer's Drawings and Installation Instructions

#### Manufacturing Location:

Factory ID	Location
Silvassa, India	Khanvel Rd, Dapada Dadra & Nagar Haveli-396230, India

#### Product Description:

Reliabl Synthetic Roofing Underlayment is a mechanically attached roofing underlayment comprised of a multi-layered, polymer-coated roofing underlayment with a woven reinforcement. The product is gray on the exposed side and supplied in 4 and 10 sq. rolls.

Product:	Factory IDs:	Dimensions:
Reliabl Synthetic Roofing Underlayment	Silvassa, India	4sq: 100 ft x 48 in 10sq.: 250 ft x 48 in Weight: 2.35 lb/100ft <sup>2</sup>

#### Uses:

The roofing underlayment covered under this report is a polymeric sheet material used in steep slope roofing. They are recognized as ASTM D8257 roof underlayments as specified in the following codes:

- FBC 1507.1.1, 1507.1.1.1, 1518.2, 1518.2.1
- FRC R905.1.1, R905.1.1.1



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## **INSTALLATION – GENERAL**

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The underlayment covered under this report shall be installed in accordance with the applicable code, this report, and the manufacturer's published installation instructions, which shall be available at all times on the jobsite during installation. The underlayments are not the primary roof cover and as such are not intended to be left permanently exposed to direct weather.

The underlayment has been evaluated for application to wood decks installed over ventilated attic spaces. Application to other surfaces is outside the scope of this evaluation.

Roof slopes shall be minimum 2:12 (16.67% slope or 9°). The underlayment has an orientation and shall be laid with the topside (i.e. print side) up. The underlayment shall be laid horizontally (i.e. parallel to the eave) starting at the lower edge of the roof. The underlayment shall be mechanically attached to structural wood deck in accordance with the local building codes. If the roof will not be covered immediately (i.e. same day), underlayment shall be independently attached to structural wood deck using fasteners.

The underlayment covered under this report is intended for exterior applications only. Roof coverings shall be mechanically fastened through to the wood deck. Roof coverings shall not be adhered to the underlayment.

### **Deck:**

Deck surface shall be clean, smooth, dry, free of debris, and

structurally sound prior to installing underlayment. All deck fasteners shall be checked for protrusion and corrected prior to underlayment application. Replace any damaged or rotted deck.

### **Fasteners:**

Fasteners shall be ring or deformed shank nails with minimum 1 inch diameter metal or plastic caps. Metal caps shall have a minimum thickness of 32 gauge (0.0134 inch) sheet metal for loose caps or 0.010 inch for power driven cap nails. Plastic caps shall have an outside edge minimum thickness of 0.035 inch. Nail shank shall be minimum No. 14 gauge (0.083 inch shank diameter) galvanized or stainless steel corrosion-resistance nails. Fasteners shall penetrate into the deck minimum  $\frac{3}{4}$  inch, or through the deck, where the deck is less than  $\frac{3}{4}$  inch thick. Dimensional tolerances of fasteners shall conform to ASTM F1667.

### **Reroofing:**

Prior to the reroofing, all existing roofing shall be removed down to the deck. Exposed deck surface shall be clean, smooth, dry, free of debris, and structurally sound prior to installing underlayment. All deck fasteners shall be checked for protrusion and corrected prior to underlayment application. Replace any damaged or rotted deck.



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## **CONDITIONS OF USE & IDENTIFICATION**

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The product described in this report complies with, or is a suitable alternative to, the codes listed in this report, subject to the following conditions:

- The product as well as the installation methods shall be in compliance with the applicable code, this report, and the installation instructions provided by the manufacturer. If the manufacturer's installation instructions differ from what is listed in this report, this report governs.
- This report does not supersede the local jurisdiction regulations and the final approval of the building products, materials, or systems in this report is the responsibility of the authorities having jurisdiction.
- This report is only valid if the product(s) and/or the referenced documentation/codes related to the products do not change. If there is a change in product(s) and/or the referenced documentation/codes related to the products, PRI Construction Materials Technologies, LLC shall be informed and further action may be necessary to revalidate this report.
- This report, in its entirety, shall be available at job sites upon request by the user or for inspection by the Building Official. A copy of this report in full shall be provided by the manufacturer or its distributors.
- The product shall be identified by marks bearing the report holder's name, the manufacture location, the product name, and the Seal of the PRI Validation Program for Building Materials. The Seal shall indicate, at a minimum, the following:
  - a. ASTM D8257
- The product is manufactured at the locations listed in this report and are manufactured under a quality control program with inspections and/or surveillance by PRI Construction Materials Technologies, LLC.
- This report is a supplement to product certification. The products listed herein shall be certified separately under the PRI Validation Program for Building Products. This report alone is not a product certification and requires separate product certification under the PRI Validation Program for Building Products to be valid.
- The current status of this report as well as a directory of certified products, including supplemental PRI Evaluation Reports, can be found at [pri-group.com](http://pri-group.com).

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