



LUDOWICI ROOF TILE, INC.
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PRO 70 UNDERLAYMENT

CSI Section:

07 30 05 Roofing Felt and Underlayment

1.0 RECOGNITION

Ludowici Pro 70 Underlayment recognized in this report has been evaluated for use as a roof covering underlayment. The water resistance properties of the underlayment comply with the intent of the provisions of the following codes and regulations:

- 2015, 2012, 2009, 2006 International Building Code® (IBC)
- 2015, 2012, 2009, 2006 International Residential Code® (IRC)
- 2014 Florida Building Code, Building (FBC-Building) - attached Supplement
- 2014 Florida Building Code, Residential (FBC-Residential) - attached Supplement

2.0 LIMITATIONS

Use of the Ludowici Pro 70 Underlayment recognized in this report is subject to the following limitations:

2.1 Ludowici Pro 70 underlayment shall be manufactured, identified and installed in accordance with this report and the applicable code. In the event of a conflict this report governs.

2.2 Ludowici Pro 70 underlayment shall be installed on minimum roof slopes of 2 units vertical in 12 units horizontal (16.67-percent slope) or greater.

2.3 Ludowici Pro 70 underlayment shall not be used with roof coverings that use hot asphalt or coal-tar pitch.

2.4 Installations are limited to use with mechanically fastened roof coverings.

2.5 Installations require attic ventilation in accordance with the applicable code.

2.6 Ludowici Pro 70 underlayment is manufactured in Fresno, California.

3.0 PRODUCT USE

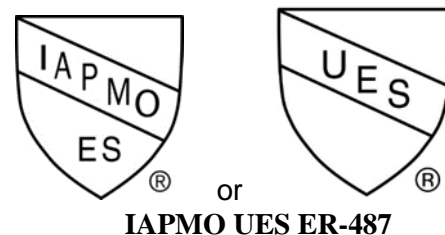
3.1 General: Ludowici Pro 70 Underlayment may be used as an alternative to ASTM D226, Type I and Type II underlayment specified in Section 1507.3.3 of the IBC and Section R905.1.1 of the IRC, as applicable.

4.0 PRODUCT DESCRIPTION

4.1 General: Ludowici Pro 70 Underlayment is an SBS modified asphalt-coated glass fiber base sheet roofing underlayment. Individual rolls of Pro 70 are 39¾ inches (1010 mm) wide and have a nominal weight of 63.2 pounds (28.7 kg) per 100 square feet. Pro 70 shall be applied over solid sheathing with underlayment side-laps of 2-inches (50.8 mm) and end-laps of 6-inches (152 mm). The underlayment shall be fastened with corrosion-resistant capped nails in accordance with Section 1507.3.3 of the IBC or Section R905.1.1 of the IRC, as applicable. Fasteners shall be spaced 12-inches (305 mm) on center at side-laps and 6-inches (152 mm) on center at end-laps.

5.0 IDENTIFICATION

Rolls of Ludowici Pro 70 underlayment shall bear a label indicating compliance to ASTM D226, Type II, the report holder's name, and evaluation report number (ER-487). Either UES Mark of Conformity may be used as shown below:



6.0 SUBSTANTIATING DATA

Data in accordance with ICC-ES AC165, dated October 2012, manufacturer's descriptive literature and installation instructions. Test results are from laboratories in compliance with ISO/IEC 17025.



7.0 STATEMENT OF RECOGNITION

This evaluation report describes the results of research carried out by IAPMO Uniform Evaluation Service on Ludowici Pro 70 underlayment to assess their conformance to the codes and standards shown in Section 1.0 of this report and documents the product's certification. The Ludowici Pro 70 Underlayment is produced at the location noted in Section 2.6 of this report under a quality control program with periodic inspections under the supervision of IAPMO UES.

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For additional information about this evaluation report please visit
www.uniform-es.org or email at info@uniform-es.org



FLORIDA SUPPLEMENT

LUDOWICI ROOF TILE, INC. PRO 70 UNDERLAYMENT

CSI Section:

07 30 05 Roofing Felt and Underlayment

1.0 RECOGNITION

Ludowici Pro 70 Underlayment recognized in this report has been evaluated for use as a roof covering underlayment. The water resistance properties of the underlayment comply with the intent of the provisions of the following codes and regulations:

- 2014 Florida Building Code, Building (FBC-Building)
- 2014 Florida Building Code, Residential (FBC-Residential)

2.0 LIMITATIONS

Use of the Ludowici Pro 70 Underlayment recognized in this report is subject to the following limitations:

2.1 When used with clay or concrete roof tiles the underlayment shall be applied according to the manufacturer's installation instructions or the recommendations of the FRSA/TRI *Florida High Wind Concrete and Clay Roof Tile Installation Manual*, Fifth Edition where the basic wind speed, V_{asd} , is determined in accordance with Section 1609.3.1 of the Florida Building Code, Building or the recommendations of RAS 118, 119 or 120.

2.2 Attic spaces shall be ventilated as required by Sections 1203.2 of the Florida Building Code, Building and R806 of the Florida Building Code, Residential.

2.3 Ludowici Pro 70 underlayment used in the High-Velocity Hurricane Zone shall be installed in compliance with the roofing component product approval and shall be in compliance with the requirements of Section 1518.2 of the Florida Building Code, Building or Chapter 44 of the Florida Building Code, Residential, as applicable.

2.4 Verification shall be provided that a quality assurance agency audits the manufacturers quality assurance program and audits the production quality of products, in accordance with Section (5)(d) of Florida Rule 61G20-3.008. The quality assurance agency shall be approved by the Commission (or the building official when the report holder does not possess an approval by the Commission).

3.0 PRODUCT USE

The design and installation of the Ludowici Pro 70 Underlayment shall be in accordance with the 2012 International Building Code and the 2012 International Residential Code as noted in ER-487.

For additional information about this evaluation report please visit www.uniform-es.org or email at info@uniform-es.org