



ICC-ES Listing Report

Reissued June 2024

ESL-1238

This listing is subject to renewal in June 2025.

CSI: DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION
Section: 07 25 00— Water-resistive Barriers/Weather Barriers

Product Certification System:

The ICC-ES product-certification system includes evaluating evidence in support of test data provided by the listee to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the listee's quality system.

Product: REX™ WRAP FORTIS HIGH-P DRAINAGE WRAP, REX™ WRAP FORTIS COMMERCIAL WRAP, AND REX™ WRAP FORTIS LOW-P DRAINAGE WRAP

Listee: ALPHA PROTECH ENGINEERED PRODUCTS INC.

Evaluation: The Rex™ Wrap Fortis High-P Drainage Wrap membrane consists of a polyethylene nonwoven CLAF® fabric laminated to a polyethylene microporous film. The Rex™ Wrap Fortis Commercial Wrap membrane consists of a nonwoven CLAF® fabric laminated to a polyethylene film. The Rex™ Wrap Fortis Low-P Drainage membrane consists of a polyethylene nonwoven fabric laminated to a polyethylene microporous film. The membranes have a nominal thickness of 0.010 inch (0.25 mm) and were evaluated when tested to the following standard:

- ASTM E1354-16 and ASTM E1354-13, Standard Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter, ASTM International.

Findings: When tested in accordance in the horizontal orientation at the incident radiant heat flux of 50kW/m² in accordance with ASTM E1354, the membranes have a peak heat release rate of less than 150 kW/m², a total heat release rate of less than 20 MJ/m², and an effective heat of combustion of less than 18 MJ/kg, as referenced in the applicable sections of the following code editions below.

- 2018 *International Building Code*®
Applicable Section: 1402.5, Exception 2
- 2015 *International Building Code*®
Applicable Section: 1403.5, Exception 2

Identification:

1. The REX™ Wrap Fortis High-P House Wrap, REX™ Wrap Fortis Commercial Wrap and REX™ Wrap Fortis Low-P House Wrap are identified by a roll label that consists of the report holder's name (Alpha ProTech Engineered Products), the product name, the date of manufacture, installation instructions, roll dimensions, the evaluation report number (ESR-4132) and/or listing report number (ESL-1238), and when applicable, the ICC-ES Listing Mark. The product name and report number are printed at regular intervals on the outside face of the product.

2. The report holder's contact information is the following:

ALPHA PROTECH ENGINEERED PRODUCTS INC.
301 SOUTH BLANCHARD STREET
VALDOSTA, GEORGIA 31601
(229) 242-1931
www.alphaprotech.com

Installation: The membranes must be installed in accordance with the Alpha Protech Engineered Products Inc's published installation instructions and applicable codes.

Conditions of listing:

1. The listing report addresses only conformance with the standards and code sections noted above.
2. Approval of the product's use is the sole responsibility of the local code official.
3. The listing report applies only to the materials tested and as submitted for review by ICC-ES.
4. Rex™ Wrap Fortis High-P Drainage Wrap, Rex™ Wrap Fortis Commercial Wrap, and The Rex™ Wrap Fortis Low-P Drainage membranes are produced under a quality control program with inspections by ICC-ES.