



Architectural Specifications

 www.rex-synfelt.com

Classification

Prepared Roofing Accessory
Shingle underlayment accessory for use in the installation of Class A asphalt glass fiber shingles and Class C asphalt organic felt shingles.

Product Name

REX™ SynFelt

Manufacturer, Sales and Distribution

Alpha ProTech Engineered Products, Inc.
301 South Blanchard Street
Valdosta, GA 31601
Ph: 866-312-1837
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Product Description

REX™ SynFelt is a synthetic underlayment constructed of high - woven fabric, polypropylene, coated on both sides with a specially formulated anti-slip walking surface that is 100% asphalt free. A safe alternative to conventional roof underlayments, REX™ SynFelt is seven times lighter per square and 20 times stronger than 30# asphalt felt paper. And it comes 10 squares to a roll, offering more coverage per roll. REX™ SynFelt is UV-resistant and can be exposed for up to six months and provides ease of installation with its pre-printed nailing pattern and cooler working surface.

Technical Data

Property	ASTM Standard	Specification
Class A Fire (3-tab shingles)	ASTM E-108 and NFPA 256	Pass
Nail Seal Ability	ASTM D-1970	Pass
Water Transmission	ASTM D-4869	Pass
Tensile Strength MD	ASTM D-828	96 lbs
Tensile Strength CD	ASTM D-828	116 lbs
Tear Strength MD	ASTM D-4533	58 lbs
Tear Strength CD	ASTM D-4533	77 lbs
Pliability	ASTM D-226	Pass
Weight per square	2.8 lbs	
Water Ponding	ASTM D-779	Pass



SynFelt: Synthetic Roof Underlayment



Approvals

REX™ SynFelt meets ASTM D 226. Miami-Dade #05-0224.02. ICC ESR-1601

Availability & Cost

Alpha ProTech Engineered Products, Inc. (Seller) warrants to the purchaser (Buyer), REX™ SynFelt (Product) it manufactures, if installed precisely as stated in the Seller's installation procedures, that product will retain its ability to shed water, except as noted, for a period of twenty five (25) years from the sales invoice date (Warranty Period). The warranty is null and void if: 1) any part of the product is exposed to UV after roof cladding installation; and/or 2) the product has been installed and left uncovered without roof cladding for more than 180 days.

Maintenance

None when installed in accordance with manufacturer's recommendations.

Technical Services

For technical information, please call Alpha ProTech Engineered Products, Inc. at 229-242-1931.

Installation

1. Please insure the roof deck is clean, smooth, and dry prior to beginning installation.
2. REX™ SynFelt is laid out horizontally (parallel) to the eave with the printed side up, with 3" (76 mm) horizontal laps and 6" (152 mm) vertical laps. On roof slopes less than 3:12, REX™ SynFelt should be lapped at 24" (61 cm) or to center line as printed, over the underlying course.
3. REX™ SynFelt should be attached to the roof using plastic cap roofing nails having a 1" (25mm) diameter plastic cap. Spacing should be at 8" (20 cm) on center at both horizontal and vertical caps for normal wind zones. In high wind zones and coastal areas, REX™ SynFelt should be fastened at 4" (101 mm) at both horizontal and vertical laps. In all cases fasten at 24" (61 cm) on center along the center of the roll in the field of the roof. The pre-printed nail pattern spacing described above applies to normal as well as high wind conditions.
4. The use of staples to attach REX™ SynFelt is permitted only when the final roof covering is to be installed immediately afterward. Pneumatic staple guns are not recommended.
5. Where seams and joints require the use of sealant or adhesives, use a high quality, low solvent, asbestos free, plastic roofing cement meeting ASTM D-4586 Type 1, Federal Spec SS-153 Type 1 and consult manufacturer's installation instructions.
6. Depending on roof pitch and surface conditions, it is recommended that roof jacks, toe-boards or a storage platform be secured to support roofing materials placed on roof.
7. REX™ SynFelt is not designed for indefinite outdoor exposure, and it is recommended that installation of the final roof covering take place within 6 months.
8. As with any roofing product, always be careful to observe safe roofing codes and practices as by OSHA Regulation Standard – 29CFR and Fall Protection Systems Criteria and Practices – 1926.502.

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Nationwide Distributions Centers
Valdosta, Georgia
Janesville, Wisconsin
Nogales, Arizona
Salt Lake City, Utah



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