

# RESPIRE™

Breathable Underlayment

## BREATHE EASY.


Respire™ breathable underlayment is a barrier to liquid water while also allowing water vapor to escape from below. The benefit for your roof system is that any moisture on the roof deck can evaporate and help you avoid moisture-related issues. The high friction surface combined with proper footwear provides the contractor with plenty of traction, rain or shine.

Choose Respire breathable underlayment and breathe easy.



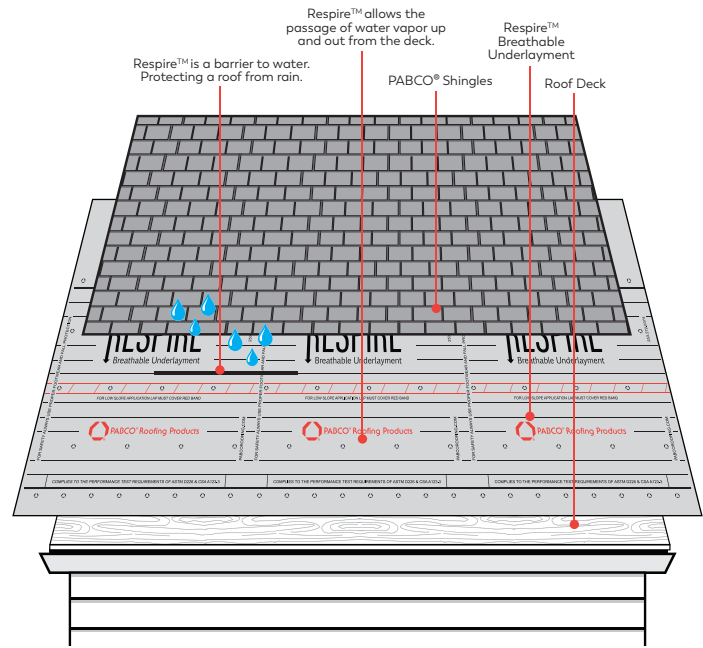
**PABCO® Roofing Products**  
Exceptional People. Remarkable Products.®

# INSTALLATION INSTRUCTIONS

- 1. DECK PREPARATION.** Ensure the roof deck is clean and smooth prior to starting installation.
- 2. SHEET APPLICATION.** Install Respire™ horizontally, parallel to the eaves with the printed side up. Overlap the sheet below (underlying course) by 3". Overlap sheet ends 6". On roof slopes less than 4:12, overlap the sheet below (underlying course) by 25".
- 3. NAILING.** Attach Respire™ to the roof sheathing using corrosion resistant roofing nails with a 3/8" head and a 1" diameter plastic cap. Use nails long enough to penetrate at least 3/4" into the deck, or through the deck if it is less than 3/4" thick. Nails must be driven straight into the deck and flush to the deck surface. Nail at every  as printed on the sheet. The spacing is 6" at both horizontal and vertical laps. The pre-printed nail pattern described above applies to standard and high wind conditions.
- 4. SEALANTS.** Where seams or joints require the use of sealant or adhesive, use a high quality, low solvent roof cement complying with ASTM D4586. Consult the shingle application instructions for additional information.
- 5. EXPOSURE.** Respire™ is not intended for long term exposure. It is recommended that the final roof covering be installed within 90 day of Respire™ installation.

**6. VENTILATION.** Respire™ is vapor permeable; however proper attic ventilation is still important to the long-term performance of the roof system. Follow the ventilation instructions of the roof covering materials.

**7. SAFETY.** WARNING: WORKING ON ANY ROOF CAN BE DANGEROUS. OBSERVE EVERY NECESSARY PRECAUTION AND SAFETY GUIDELINE IN ACCORDANCE WITH PROPER ROOFING PRACTICES.



## FEATURES

-   
Breathable
-   
Walkable surface
-   
1 roll covers 10 squares
-   
Dimensions:  
48" x 250'  
(1.2m x 76.2m)

Weight	Rolls/Pallet	Tensile Strength (Machine Direction/Cross Direction)	Puncture Resistance	Exposure Period	Permeability (MVTR, ASTM E96 -A/ ASTM E96 - B)
27 lbs/Roll	25	50/45 lbs/inch	100 Psi	3 months	5/14 Perms

## TECHNICAL INFORMATION

### Product Evaluations Performed:

- ASTM D5034, Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)
- ASTM D4533, Standard Test Method for Trapezoid Tearing Strength of Geotextiles
- ASTM D751, Standard Test Methods for Coated Fabrics
- ASTM D4869, Standard Specification for Asphalt-Saturated Organic Felt Underlayment Used in Steep Slope Roofing
- ASTM G154, Standard Practice for Operating Fluorescent Ultraviolet (UV) Lamp Apparatus for Exposure of Nonmetallic Materials
- ASTM E96 - A & ASTM E96 - B, Standard Test Methods for Water Vapor Transmission of Materials

### Complies With The Physical Requirements Of:

- CSA A123.3, Asphalt Saturated Organic Roofing Felt
- ASTM D226, Standard Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing



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