

# BREATHEX

## ENGINEERED TO BREATHE

### A Smarter Underlayment

Breathex is an advanced breathable non-woven waterproof roofing underlayment. It keeps water out and allows vapour to escape, helping to prevent the growth of mold and rot in the roof deck. Breathex has all the benefits of organic felt and synthetic underlayments — with none of the compromises.

### Breathability Matters.

- When roof leaks occur your roof deck may get wet, and it needs to dry to avoid mold and rot.
- A roof deck that is wet during construction needs to dry to avoid mold and rot.
- Attic humidity raises deck sheathing moisture content and this needs to dry to avoid mold and rot.

Don't compromise your roof or your wallet, Breathex is competitively priced.

HAL Industries has a 40 year history of building material innovation, and we've used our building envelope expertise to develop Breathex.

- Hydrophilic polymer based breathability, enabling moisture escape without leaks
- Excellent waterproofing
- Deck-Grip underside coating
- Industry leading walking surface, especially in wet conditions
- Light grey colour for a cooler working surface
- Up to 3 months UV resistance
- 20 year limited warranty
- Pliability for ease of application in any peak or valley
- Horizontal, Vertical and Valley Guide lines for roofer convenience and pre-cutting.

Physical Technical Data	Nominal Value	Unit	
Weight	27	Lbs/Roll	
Width	48	Inch	
Length	250	Ft	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D5034
Machine Direction	50	Lbs/inch	
Cross Direction	45	Lbs/inch	
Tear Strength			ASTM D4533
Machine Direction	20	Lbs	
Cross Direction	18	Lbs	
Puncture Resistance	100	Psi	ASTM D751
Water Resistance	Pass		ASTM D4869
Exposure Period	Three	Months	ASTM G154
Code			
Conforms To			ASTM D226
Conforms To			CSA A123.3
Permeability	Nominal Value	Unit	Test Method
MVTR	5	Perms	ASTM E96 - A
MVTR	14	Perms	ASTM E96 - B