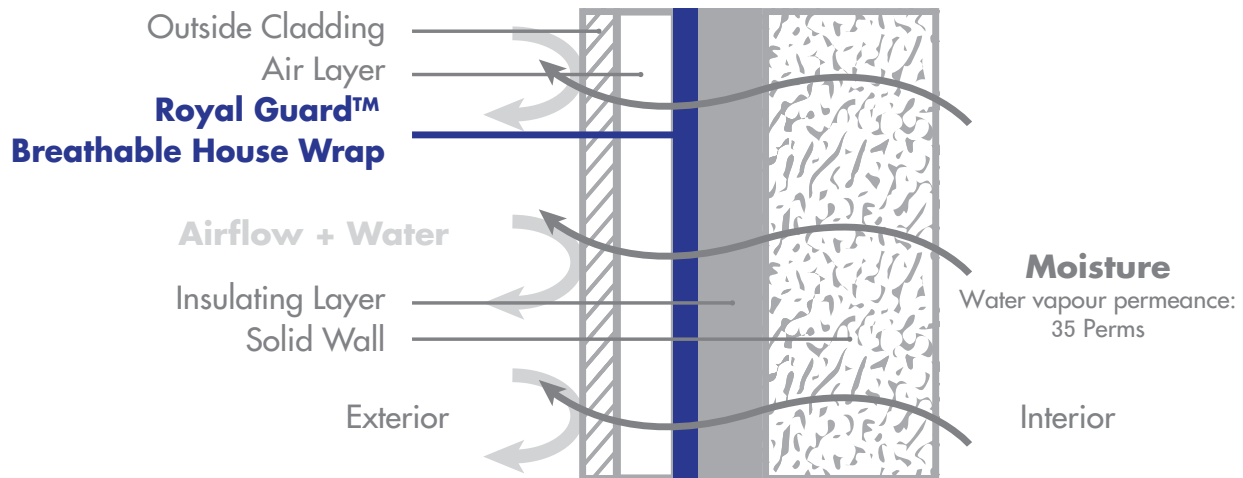


ROYAL GUARD

Breathable Housewrap

450 Sq. ft. Roll - 5 ft. x 90 ft. – 12.6 lbs. /Roll



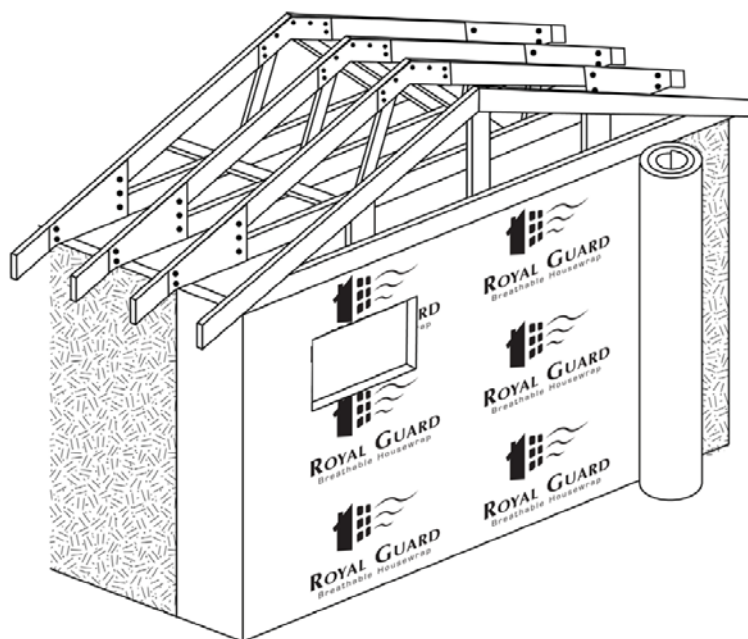
High Quality Super Breathable House Wrap For Commercial and Residential Application

Royal Guard™ Breathable House Wrap is trilaminate highly engineered non-woven composite that provides high strength non-perforated membrane to protect from both water hold-out and air. Royal Guard provides a vapour-permeable layer that resists liquid water from outside, while also allowing water vapours to escape from inside which allow effectively eliminating excess moisture, thereby preventing the damaging effects of mold and rot.

- Provides a vapour-permeable surface that allow moisture trapped in sheathing to escape
- Provides and energy-efficient air barrier to stop air infiltration into the home
- Provides a weather barrier behind exterior cladding while protecting the sheathing

- ✓ Good water proof ability
- ✓ Excellent Moisture Vapour Permeance
- ✓ UV Treated
- ✓ Light in weight, easy to install and handle
- ✓ Excellent tear strength
- ✓ Meet and exceeds all current building codes

Evaluation Report CCMC 13647-R



Technical Evidence

The Report Holder has submitted technical documentation for CCMC's evaluation. Testing was conducted at laboratories recognized by CCMC. The corresponding technical evidence for this product is summarized below.

4.1 Performance Requirements

Table 4.1.1 Results of Testing of "Royal Guard"

| Property | | Requirements | Results |
|---|---|-------------------------------------|-------------------|
| Sheet width | | Tolerance: -6 mm of specified width | Pass |
| Tensile Strength (N) | machine direction | > 180 | 336 |
| | cross direction | > 160 | 230 |
| Water vapour permeance (ng/Pa·s·m ²) | | > 170 | 4 510 |
| Water ponding | | No leakage | Pass ¹ |
| Tensile Strength | after UV exposure (% retention of original) | machine direction | > 90 |
| | | cross direction | > 90 |
| | after UV and heat aging (% retention of original) | machine direction | > 85 |
| | | cross direction | > 85 |
| Water vapour permeance of UV- and heat-aged samples (ng/(Pa·s·m ²)) | | > 170 | 5 190 |
| Water ponding of UV- and heat-aged samples | | No leakage | Pass ¹ |

Note to Table 4.1.1:

¹ The water ponding test requires that the membrane retain 25.4 mm of water with no water passing through the membrane for two hours.