



The forces of nature affect everything.

You shouldn't build a new house without giving it protection against air and moisture infiltration.

Housewrap that is properly installed

- blocks air transfer through the framed wall to reduce heating and/or cooling loads,
- allows airborne moisture vapor to escape without condensing in the wall cavities, and
- sheds water that could otherwise get behind the exterior finish, settle in the wall framing, and cause latent problems.

The Sure Way to Protect Your Home

KAYCAN Sure-Wrap

Everywhere two building materials come together, at every joint in exterior sheathing, you're likely to have a leak. In fact, the average 2000 square foot home has about a half-mile of cracks and gaps. This uses excess energy, leads to higher utility bills, and the moisture that comes in through these gaps can cause rotting and the development of fungus or mold.

Housewrap serves as an air barrier, a vapor retarder, and a watershed that is installed between the exterior sheathing (often OSB) and the finished siding.

To effectively inhibit air transfer through the wall, housewrap must:

- be overlapped and taped at all seams and cuts,
- extend under the bottom plate and above the top plate, and
- be secured around openings and penetrations.



Strong, woven fabric “envelope” protects against moisture and air infiltration.



Micro Perforations in the film allows fabric to breath - “exhaling” harmful water vapor.

Competitive Comparison

• Translucence

⇒ Kaycan Sure Wrap is one of few translucent housewrap products, making it easier to accurately cut, fit, and fasten. Easier installation results in even more savings.

• UV Exposure

⇒ Kaycan Sure Wrap is protected from harmful ultra-violet rays up to 3 times as long as most competitive products.

• Water Vapor Permeance

⇒ Kaycan Sure Wrap meets or exceeds minimum 5 perms requires by building code.

• Tensile Strength

⇒ Kaycan Sure Wrap has almost twice the tensile strength of most competitive products.

KAYCAN *Sure-Wrap*

Specifications & Test Results

Product Description A woven and coated polyethylene fabric with micro-perforations engineered as a Water-Resistive Barrier, Moisture Protection Barrier, and Weather-Resistant Barrier for use in residential and commercial sidewall construction.

Dimensions

Weight	18 lbs/1,000 sq. ft.
Thickness	5 mils
Roll Sizes/Widths Available	3, 4.5, 6, 9, & 10 ft.
Roll Sizes/Lengths Available	100, 150, & 195 ft.

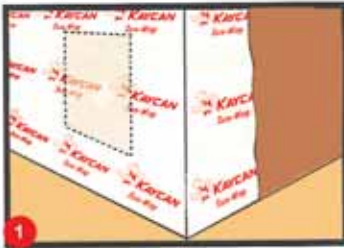
National Code Report **NER-655**

Property	Test Method	
Tensile Strength	ASTM D-822-97	MD 50 (lbs/in) CD 46
Air Porosity (Gurley)	TAPPI T-460-96	Side A-B 9.4 (sec/100cc) Side B-A 9.1
Water Resistance	ASTM D-779-94	Side A-B 2:47:30 (hh:mm:ss) Side B-A 1:52:42
Water Vapor Permeance	ASTM E-96-A	5-15
Canadian Water Ponding	CCMC 07193	Pass
Pliability	SBCCI	Pass
Flame Spread*	ASTM E-84-97	14 (Class A)
Smoke Developed*	ASTM E-84-97	1 (Class A)

KAYCAN Sure-Wrap

The translucent design of Kaycan Sure-Wrap eliminates the guesswork for the installer while cutting, fitting, and fastening.

Installation



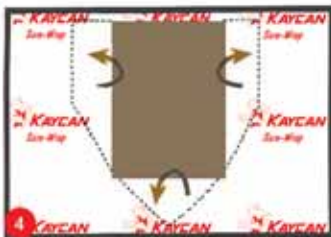
Start 2-3 feet from a corner. Wrap around corner and continue nailing or stapling as you move around the house. Fasteners must penetrate the stud or nail base material.



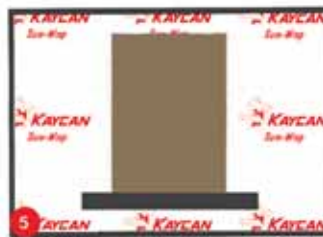
Secure Kaycan Sure-Wrap housewrap firmly in place by fastening it every 12" to 18" along the vertical studs using large-headed or plastic cap nails or 1" crown staples.



Make an inverted Y cut in the housewrap at rough opening. Then cut straight across the top.



Fold the flaps in through the opening at the two sides and the sill and fasten them inside with staples set about every 6 inches.



Install the bottom flashing over the housewrap.



Install window in accordance with the manufacturer's recommended procedure. Slide top nailing flange under the housewrap.

Flashing details around window/door:

- Install side flashing over side flanges.
- Install head flashing over top flange (extend it to lap the side flashing by 3 to 4 inches).
- Bottom flange should be over the flashing, installed in step 5.

Please contact your KAYCAN representative today for details.