

Fome-Cor® Weather-Barrier Board Wraps Your Home In Foam-Filled Comfort

Fome-Cor Board's unique accordion-folded, foam-filled design reduces the possibility of unwanted water, air and noise from entering your home.



Available up to 8' tall & 470' long.

All building materials – including woods, plastics, metals and concrete – have seams that expand and contract in response to contact with moisture, heat or both. Movement of these seams allows the entrance of unwanted water and air, which can have adverse effects on other building materials in your home. For example, fibrous insulation can lose a large part of its R-value (up to 50%) through air and water leakage. Wood sheathings can develop dry rot. And, some of these building products can conduct unwanted sounds because they are more dense than other materials.

Continuously folded foam-filled Fome-Cor Board protects these normally occurring construction seams and, thereby, protects your home's insulation. This housewrap's low-density foam core also reduces sound transfer from outdoors. Both benefits increase comfort inside your home.

While Fome-Cor Board helps to resist the entrance of harmful water, air and noise, it does not wrap a home like a plastic bag! Trapped interior moisture produced by baths, washing machines, dishwashers, etc., can build up and produce harmful effects for both the home and its occupants. Fome-Cor Board breathes interior moisture vapor because it has a permeance rating that is greater than 5 perms. Moisture vapor-retarding materials have permeance ratings of less than 1 perm.

Fome-Cor Weather-Barrier Board wraps your home in foam-filled comfort because:

- It provides continuous protection from unwanted water, air and noise.
- Its permeance (breathability) rating is greater than 5.
- It's been used in the home construction industry for more than 30 years.

PERFORMANCE TESTING:

Whole House:

Air leakage can account for 30% of your home's heat loss. Two manufactured homes were constructed alike except for the method of air leakage protection. One was constructed with caulking and the other one with Fome-Cor Weather-Barrier Board. After 2 years of monitoring, caulking reduced air leakage by only 5% while the Fome-Cor wrapped home experienced a **45% reduction in air leakage**. (Remaining air leakage in the home could be traced to doors and windows.)

Water-Resistive Tests: (ASTM D779)

Building Codes often require a water-resistive barrier. Often the minimum required is 10 minutes and the maximum would be 24 hours. Fome-Cor tested to 24 hours with no leakage.

Siding Tests:

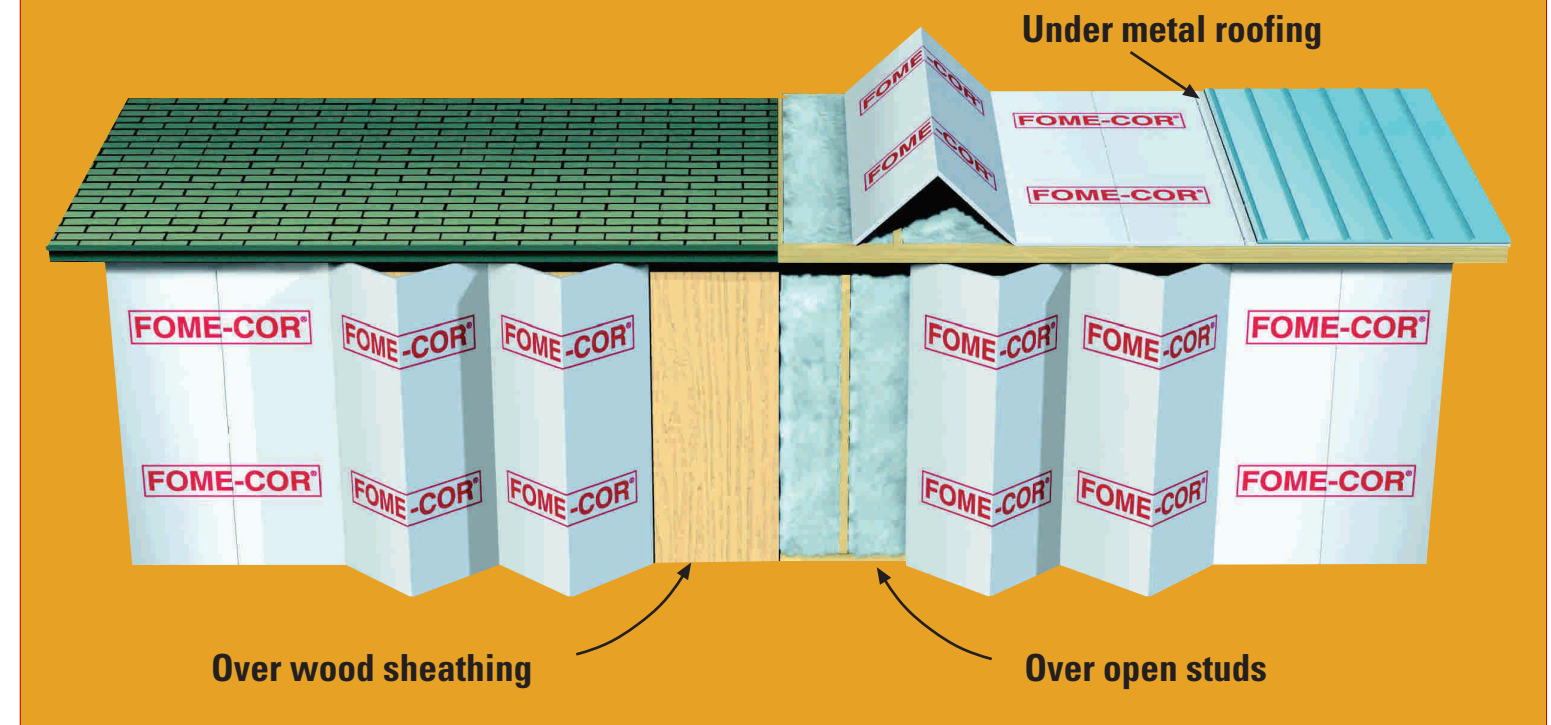
Laboratory testing on vinyl, hardboard and aluminum siding shows they all leak at about the same rate. The chart to the right shows the effects of using Fome-Cor on these types of walls. Effectively reducing air leakage by at least 60% shows the value of Fome-Cor.

Wind Effects On Reduction In R-value Tests:

Fome-Cor has an R-value of 1. However, it protects fibrous insulation so the fibers can do their job. It's similar to what a windbreaker jacket will do for a sweater. You will not feel as uncomfortable with the windbreaker on. The chart to the far right shows the effects of wind on thermal performance.

Make sure that your home has year-round comfort protection by including Fome-Cor Board on your list of "Must-haves" when selecting your home!

Fome-Cor® Board Protects Your Home In The Following Three Areas:



Leakage Rates of Various Sidings AIR INFILTRATION @ 15 MPH WIND VELOCITY ASTM E-283 (CFM PER FT.²)

	Without Fome-Cor Board	With Fome-Cor Board	Percent Air Infiltration Reduced by Fome-Cor Board
Exterior Siding			
Aluminum	.227	.091	60%
Hardboard	.211	.083	61%
Vinyl	.188	.070	63%

The Effects of Wind on Wall Systems

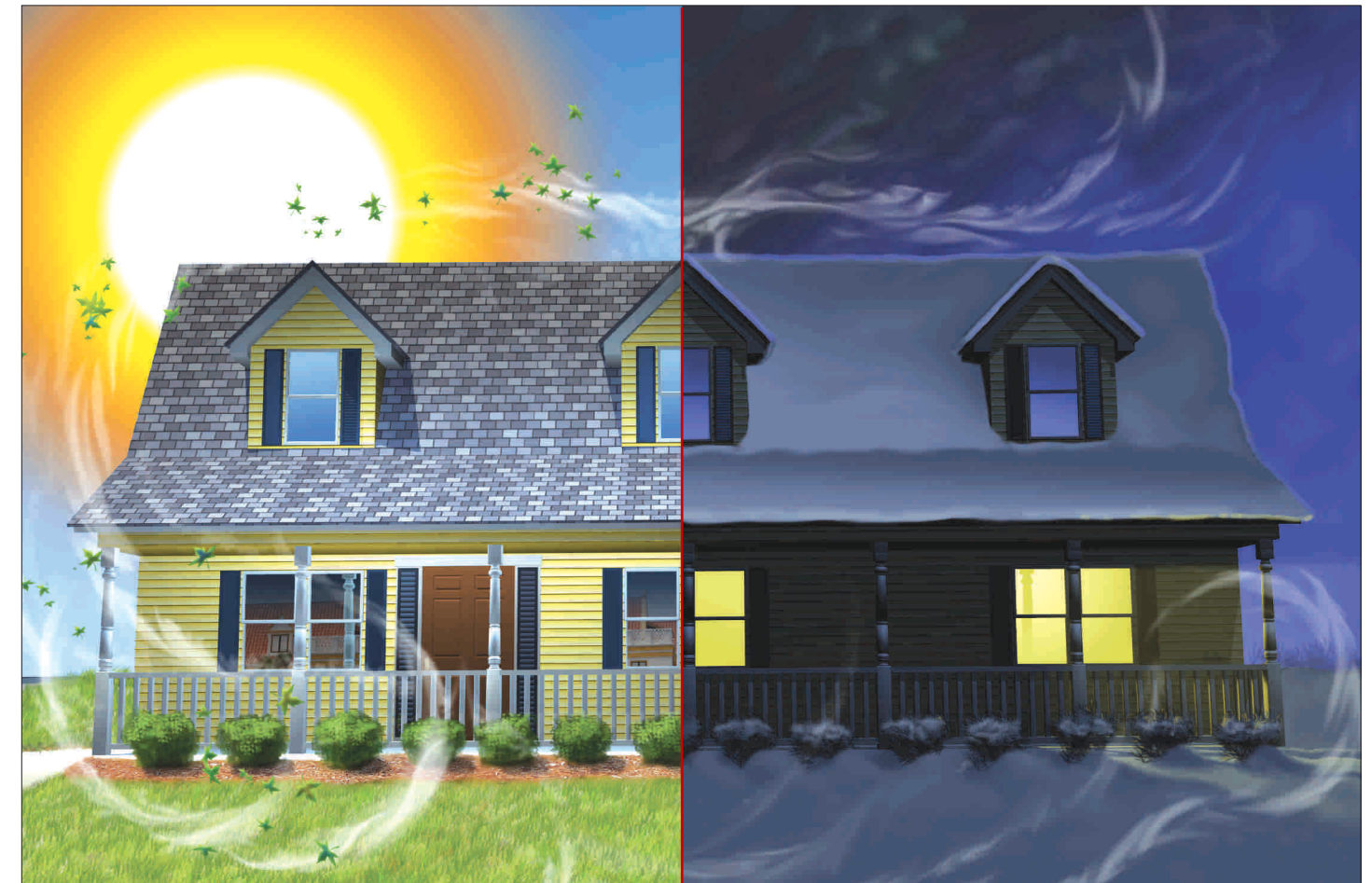
0 MPH WIND	
4" Wall with Fome-Cor + R-11 fiberglass system plus siding	6" wall with R-19 fiberglass plus siding
50% Better Thermal Performance	
15 MPH* WIND	
4" wall with Fome-Cor + R-11 fiberglass system plus siding	6" wall with R-19 fiberglass plus siding
41% Better Thermal Performance	

* Test Specification: ASTM C236-66 (modified) * 15 mph is a designed wind velocity

As described in the above table, the higher the wind velocity, the better thermal performance achieved by insulation wrapped in Fome-Cor Board. At 15 mph, a **41% improvement** in thermal performance was achieved. Protect your insulation and your home with Fome-Cor Board foam-filled housewrap.

PROVIDES THE HIDDEN DIFFERENCE TO INCREASE COMFORT IN YOUR HOME

Protecting your home from adverse weather and noise is the key to comfortable living!



Summer's scorching heat and humidity. Winter's freezing snow and wind. Outside noises that you'd rather not hear inside. Your home can be bombarded year-round with different adverse weather conditions that can physically force unwanted air and moisture inside your home through

seams that are routinely formed when exterior sidings are fitted together during the home construction process.

Fome-Cor® Board, the foam-filled housewrap, protects routinely occurring seams and reduces noise. It provides the hidden difference to increase comfort in your home.

Considerations For Your New Home

MUST HAVE:

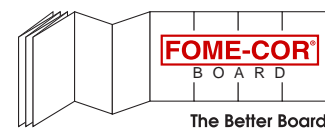
LIKE TO HAVE:

1. # of bedrooms - _____
2. # of bathrooms - _____
3. Size of home (square feet) - _____
4. Fome-Cor® Weather-Barrier Board
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1. _____
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HOMES WE LIKED:

- _____
- _____
- _____



www.fome-cor.com