

# A More Effective Alternative To Housewrap



Congratulations on selecting a builder who provides a drier, more comfortable and energy-efficient living environment. Enviro-Dri™ Weather-Resistant Barrier System is a more effective alternative to traditional housewraps in protecting your home against liquid moisture intrusion, uncontrolled air exchanges and trapped moisture vapor.

A weather-resistant barrier (or WRB) is intended to protect the interior living space of your home by preventing liquid moisture from penetrating your sheathing system, while allowing for moisture vapor to pass to the outside. In addition, a properly installed WRB system will also reduce air leaks. Typically, your builder would use a housewrap to serve as the WRB. Housewraps, however, have limitations and weaknesses which, even when properly installed, minimize the effectiveness of the protection they actually provide to your new home.

## Limitations of Housewrap

### Installed with nails or staples.

By design, housewraps are installed using nails or staples. Each nail or staple hole through the housewrap (and on a typical home, there could be THOUSANDS of holes) creates a break in the system. And each hole in the wrap represents a potential failure of the basic intent of a wrap...to keep out liquid moisture. Once liquid moisture or air gets past the wrap, it is free to move behind the wrap, and find a path to the interior of your new home.



### Not permanently attached.

The fact that so many nails or staples are required to affix the wrap to the outside of your house is a clear indication that wraps are susceptible to tearing or blowing off. The more nails, the better it's attached...and the more holes in the system. The more holes...the less effective the barrier.

### Surfactants.

**Surface active contaminants** are found in mortar, stucco, wood and cementitious siding, paint, soaps used to clean siding, and other sources. These surfactants interact with housewraps, and can significantly decrease the wrap's ability to stop water from leaking through the wrap, even without holes.



### Vertical and horizontal seams.

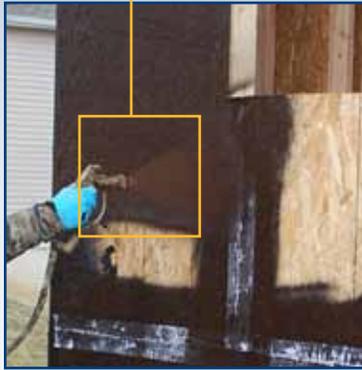
Every inch of seam that you see in any installed housewrap is a likely spot for air and moisture leaks. Often, you'll see these seams covered up with tape. But tapes fail, too...and when tapes fail, so does the protection. The result? Energy-sapping unconditioned air leaks and moisture intrusion.



# Features of the Enviro-Dri Weather-Resistant Barrier System

## No mechanical fasteners.

The fluid-applied Enviro-Dri System is installed directly to the sheathing system. There are no nails, no staples, no penetrations through which water can seep. Liquid moisture is stopped on the outside of the membrane.

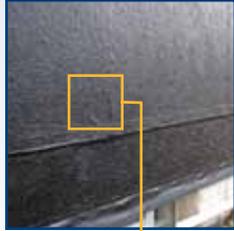


## Permanently attached.

The Enviro-Dri System remains in place, from the moment it's installed during original construction, protecting your home from the elements for years. High winds won't rip the Enviro-Dri System from your home, unlike typical housewraps. In fact, rigorous code testing proves that the Enviro-Dri System can block water penetration in conditions representative of a 200 mile-per-hour wind-driven rain!

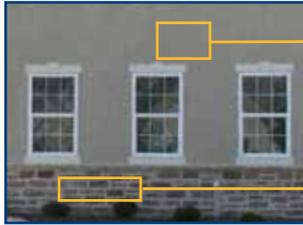
## No seams.

A continuous layer of protection, with no seams, flaps or gaps, means uninterrupted moisture and air leak protection for your home. The Enviro-Dri System helps keep your home drier, more comfortable and more energy-efficient.



## Unaffected by surfactants.

Whether your home is brick, stone, stucco, wood or other siding, the Enviro-Dri System is not affected by the surfactants that can diminish the performance of wraps.



## Thank You for Choosing the Enviro-Dri Weather-Resistant Barrier System



**Before Enviro-Dri  
Weather-Resistant Barrier System**



**After Enviro-Dri  
Weather-Resistant Barrier System**



**Finished Home**



1.800.876.5624

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