



# BARRICADE<sup>®</sup> DRAINAGE WRAP



## BARRICADE DRAINAGE WRAP

Barricade<sup>®</sup> Drainage Wrap is a non-perforated, non-woven, polyolefin membrane that is installed beneath exterior siding to reduce air infiltration and act as a weather-resistive barrier. Barricade<sup>®</sup> Drainage Wrap is designed to provide a secondary line of defense against bulk water penetration and provide an air barrier.

## WHY YOU NEED IT

### Surfactant resistant

Barricade<sup>®</sup> Drainage Wrap is not affected by pressure washing, job-site chemicals, or sugars from tree sap and wood sidings.

### Barricade Drainage Wrap Minimizes Solar Vapor Drive

The vented air space created by its unique surface provides a stop gap that blocks the transport of vapor by equalizing air pressure across the entire space. This relieves the pressure exerted on the drainage plane (sheathing and house wrap).

### Perfectly Designed For Stucco and EIFS

Conventional house wrap's smooth surface can cause stucco to bond tightly to the house wrap when used by itself. This tight contact, called the "tenting effect" can destroy the water repellency of house wrap due to the pressure exerted when stucco is directly applied. The applied stucco creates a "capillary continuity" that doesn't allow the house wrap to properly defend against water intrusion when used a single layer. When Barricade Drainage Wrap is installed beneath a primary layer of house wrap, felt paper or paper-backed wire lath, a "bond break" is created which improves and enhances the drainage properties of the stucco system.

### Compliant with IRC and IBC as an air barrier



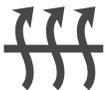
### Resists bulk water

Resists water penetration from wind-driven rain and other sources. The WRB coating is on the exterior drainage plane for maximum protection.



### Superior wind and tear resistance

Heavy winds pose a threat to house wrap during installation. With its tear-stop design, Barricade Drainage Wrap is one of the most durable wraps around.



### Stops solar vapor drive

Limits incoming moisture and allows unwanted moisture to escape the wall cavity, preventing wall cavity damage from inward solar vapor.



### UV resistance

Barricade's special ultraviolet stabilizers protect it from the sun's harsh rays. In fact, Barricade Drainage Wrap is protected against UV rays for up to 4 months.



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## THE DRAINAGE PLANE STRATEGY

All types of exterior wall finishes allow some amount of water penetration. The drainage plane is a layer of weather resistive material covering the home's exterior and integrates with flashing to provide a drainage path from the roof to the ground. Without a drainage plane, wall assemblies can get wet, contributing to peeling paint, wood rot, mold growth, and even structural failure. Use Barricade<sup>®</sup> Drainage Wrap<sup>™</sup> as your secondary layer of protection against moisture intrusion and as part of an overall drainage plane strategy. The drainage plane protects sheathing and framing from excessive moisture and prevents moisture buildup in the exterior wall cavity.

Barricade Drainage Wrap creates a clear, directional, drainage path by designing an airspace between the sheathing and exterior cladding allowing water to drain down and out. Because Barricade Drainage Wrap is a semi-permeable wrap, any moisture penetrating the wrap will drain and dry to the exterior of the home.

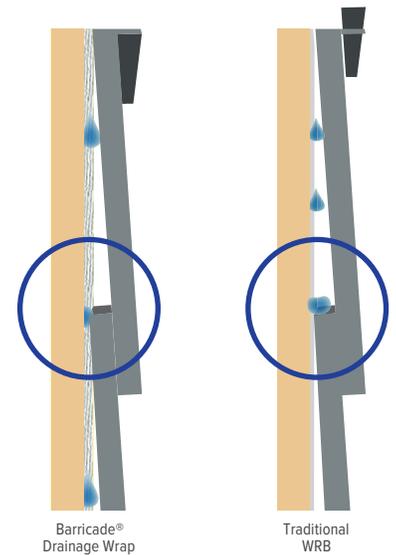
Conventional smooth surface house wraps with typical horizontal lap sidings directly applied can "pond" water along the siding edges, particularly at the pressure points where it is fastened tightly to the sheathing substrate. Barricade Drainage Wrap prevents ponding with its engineered surface pattern enabling water to flow freely down the exterior wall envelope. The moisture is then collected by flashing and carried away from the wall.

### Warranty

Barricade Drainage Wrap is backed by a 10-year limited warranty. Please contact Barricade Building Products for more information.

### Maintenance

When applied in accordance with manufacturer's recommendations, Barricade Drainage Wrap will not require maintenance.



## SPECIFICATIONS

CSI ID Code	Composition	Standard Sizes	Thickness TAPPI T-411	Perm Rating ASTM E96 A	Tensile Strength ASTM D 882	Flame Spread ASTM E 84	UV Exp. Rating	Drainage Efficiency ASTM E2273	Water Resistance AATCC 127	Air Permeance ASTM E2178	Air Porosity TAPPI T-460
Air Barriers 07270	Non-perforated, high-quality, non-woven polyolefin.	120" x 150' 108" x 100' 108" x 150' 54" x 100' 54" x 150' 36" x 150'	0.009"	12 Perms	24 lbs/in. MD 28 lbs/in. CD	Class A	4 months	Pass >95%	> 220cm	< 0.01 L/s/m <sup>2</sup>	> 1000 sec

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To find more information please call us at:  
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