

# CertaWrap™

Weather Resistant Barrier



**CertainTeed**  
SAINT-GOBAIN  
Weather Resistant Barrier

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**MADE IN USA**

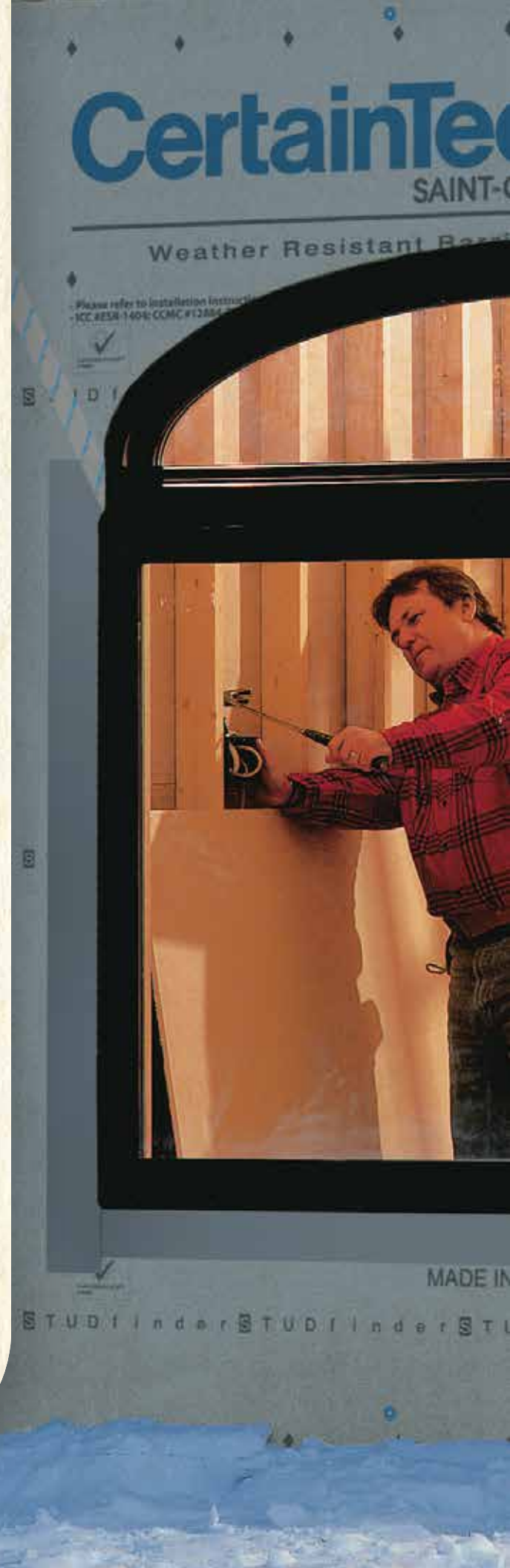
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SAINT-GOBAIN

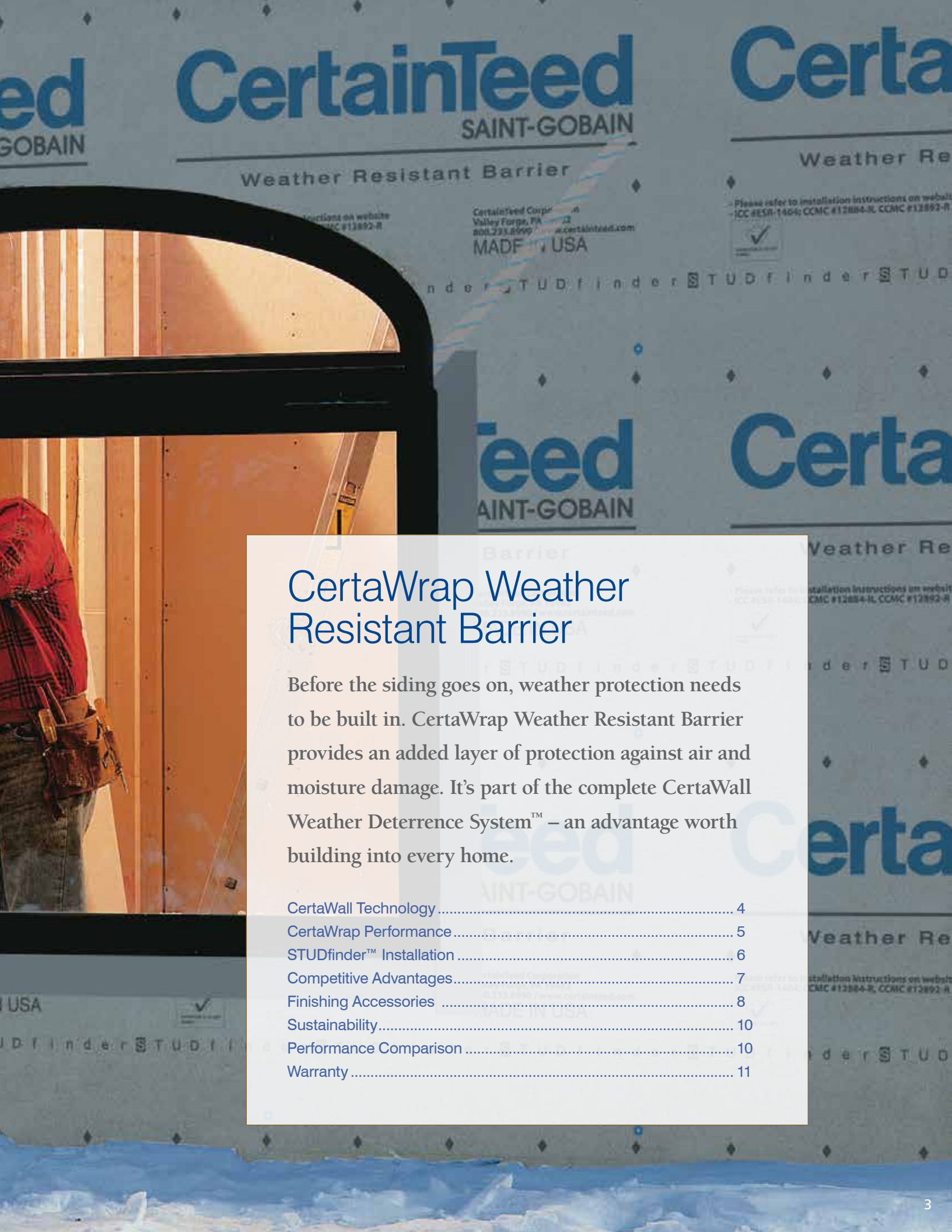
# Welcome to CertainTeed

For more than 100 years, homeowners and building professionals have trusted CertainTeed to provide the highest quality building products, and to continually set the standards for exciting innovations in style and performance.

CertainTeed now offers a complete line of weather barrier system products to protect your building structure, including CertaWrap™ Premium, CertaWrap™ Standard and CertaTape™.

CertainTeed's long-standing commitment to innovation, quality and service is firmly rooted in our founding philosophy of "Quality made Certain, Satisfaction Guaranteed." It's a promise we take as seriously today as we did a century ago.





# CertaWrap Weather Resistant Barrier

Before the siding goes on, weather protection needs to be built in. CertaWrap Weather Resistant Barrier provides an added layer of protection against air and moisture damage. It's part of the complete CertaWall Weather Deterrence System™ – an advantage worth building into every home.

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# CertaWall Technology

Beauty is more than skin deep. That's especially true when it comes to building or improving a home. Protection from the elements, energy efficiency and long-term performance are just as important as aesthetics. The CertaWall Weather Deterrence System delivers those advantages. As a key component in the system, CertaWrap Weather Resistant Barrier helps assure long-term satisfaction.

## The CertaWall Weather Deterrence System

### CertainTeed Gypsum

Start with a layer of CertainTeed gypsum wallboard, available with a variety of moisture and fire-resistant coverings to meet specific application requirements.

### CertainTeed Vapor Retarder

Increase the drying potential of the building envelope and reduce the risk of moisture problems with CertainTeed's vapor retarder.

### CertainTeed Insulation

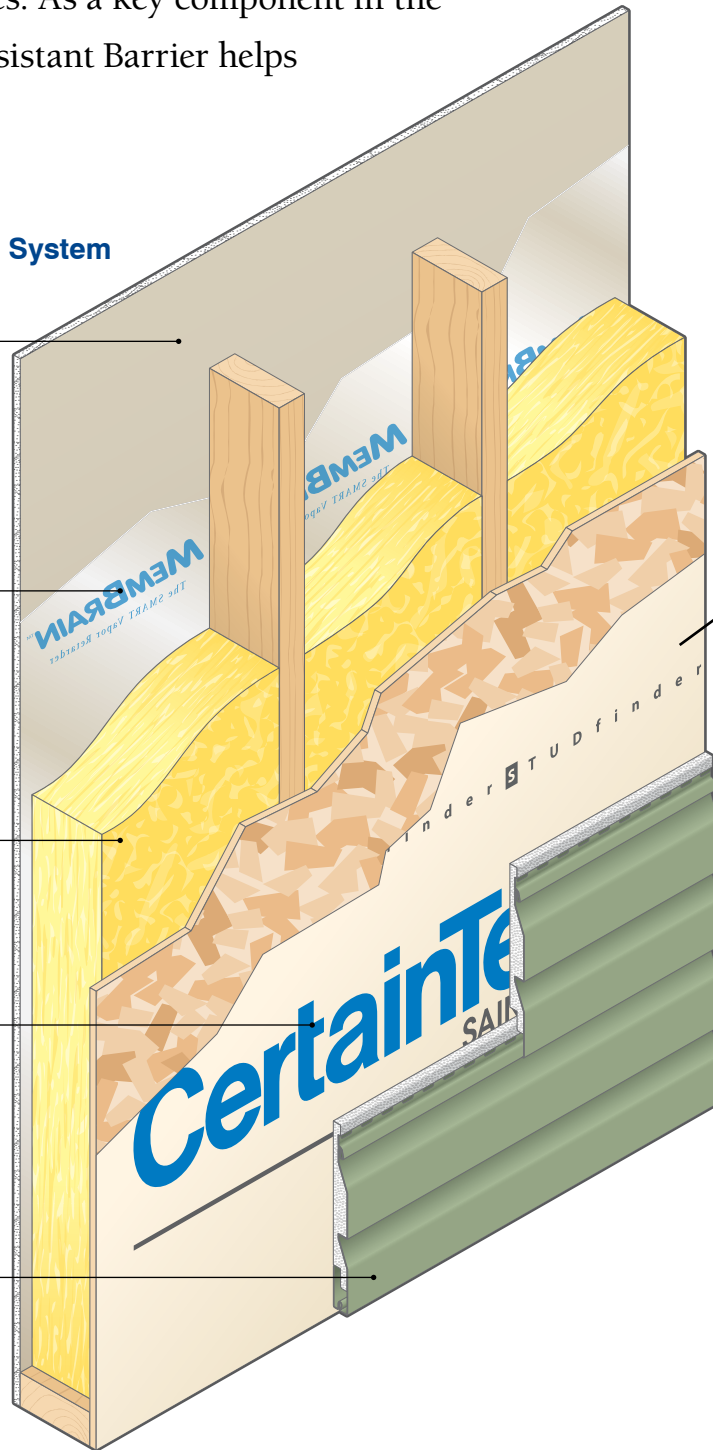
Add in thermal and acoustic benefits with high-quality CertainTeed insulation.

### CertainTeed Weather Resistant Barrier

Provide extra protection against moisture, air infiltration and leakage with a layer of CertaWrap Weather Resistant Barrier.

### CertainTeed Siding

Finish your CertaWall with CertainTeed siding products for long-lasting beauty, low maintenance, performance and durability.



# CertaWrap Premium Weather Resistant Barrier Performance

## Superior Breathability, Water Resistance and Vapor Transmission

Mold, mildew and water damage are a home's worst enemies. An effective weather barrier system defends against these problems by resisting moisture penetration and air infiltration while allowing water vapor to dissipate. CertainTeed CertaWrap offers the industry's best combination of all of these properties, helping you defend against moisture and the elements during construction, and preventing moisture buildup – from inside and outside the home – after cladding is applied.

## CertaWrap Premium Weather Resistant Barrier

### Optimal Water Vapor Permeance

The typical home generates three to six gallons of water vapor each day. Much of that vapor dissipates into the wall cavities. CertaWrap's vapor-permeable membrane allows the wall cavity to breathe so moisture can escape. This characteristic, known as a Moisture Vapor Transmission rate or perm rating, is critical for keeping walls dry. CertaWrap has an optimal perm rating of 11.7 US perms. In addition, CertaWrap Weather Resistant Barrier will not absorb or retain water, helping to protect wall cavities during and after construction.

### Outstanding UV Performance

Ultraviolet light stability is vital to the performance of a weather barrier before it's covered. Even limited exposure to ultraviolet rays causes other weather barriers to deteriorate. UV inhibitors are in CertaWrap's coating as well as its fibers, providing the ultimate in UV protection.

### Excellent Air Holdout

CertaWrap also works as an air barrier to prevent air infiltration and leakage through gaps, cracks or holes. This provides enhanced energy efficiency and helps reduce heating and cooling costs. A Type 1 air barrier, CertaWrap is ideal for use in both residential and commercial applications.

### Superior Water Holdout

CertaWrap creates a weather barrier behind the cladding. This helps prevent wind-driven rain and other moisture from reaching the wall cavity and sheathing.

CertaWrap is available in the following roll dimensions:

Premium	Standard
3' x 100'	9' x 100'
3' x 165'	
4.5' x 200'	
5' x 200'	
9' x 100'	
9' x 150'	

## CertaWrap Standard Housewrap

CertaWrap Standard Housewrap is a coated poly woven fabric for use in housewrap applications that controls airflow through the wall and protects against outside water from penetrating the exterior of a home. It is engineered to resist water while allowing water vapor to pass through and is stabilized to resist degradation.

# S T U D f i n d e r S

## CertaWrap Premium with STUDfinder™

### First in Installation Innovation

Builders and remodelers have come to rely on CertainTeed's STUDfinder™ Installation System. This innovative guide to accurate installation is an important value-added advantage of CertaWrap Premium Weather Resistant Barrier.

### Precise Installation Made Easy

The patented STUDfinder Installation System is engineered to help align attachment points with construction standards, indicating the correct placement of nails or staples with studs. The STUDfinder location guide is printed directly onto the CertaWrap Premium material. Installers simply need to follow the guide to assure an accurate installation.

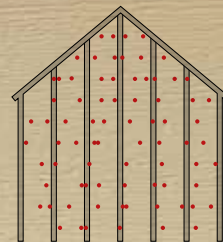
### Protection Against Hidden Dangers

Precise installation contributes to wind load performance, and helps avoid nailing or stapling into hazards located between the studs, like plumbing or wiring, that could create a number of dangers.

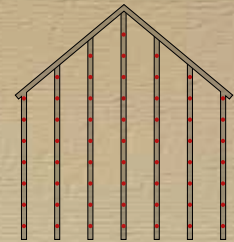


### Accuracy and Quality

STUDfinder is engineered to align nail slots precisely with construction standards, with indicator letters centered under each nail slot to make it easy to locate studs and help ensure accuracy.



Possible outcome without STUDfinder



With STUDfinder

## Competitive Advantages



### **Double-Strength Tear Resistance**

CertaWrap Premium won't easily rip or puncture, so you don't have to worry about material damage. In fact, CertaWrap withstands the rigors of the job site better than any other housewrap on the market. Compared to other wraps, CertaWrap performs at twice the industry standard for grab tensile strength, the preferred testing method for tear strength.

### **Superior Surfactant Resistance**

Surfactants from soaps and power washing, as well as oils and tannins from OSB products, can damage the wall system's ability to block bulk moisture. CertaWrap Premium reduces these damaging effects.

### **Slip Resistant Surface and Less Noise**

CertaWrap Premium Weather Resistant Barrier provides a highly slip resistant surface against OSB board and ladders are less prone to slip versus competitive products. CertaWrap also reflects less glare and is less noisy.

# CertaTape

## A Tight Seal. A Quality Finish.

For maximum effectiveness, it's critical to seal overlaps, seams and penetrations. Use it to seal cracks, seams and penetrations prior to applying exterior cladding.



1-7/8" x 165'

## CertaTape™

Used to seal seams and edges on window flanges, corners, joints, rips, punctures, and tears. With a high-strength coated polypropylene film, CertaTape won't break down over time, so you can be sure of dependable performance over the long term. CertaTape helps you improve the integrity of the building's envelope by reducing air and moisture penetration.





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STUD find

### Wrap Up a Quality Installation with CertaTape™

Sealing every possible source of air or water infiltration is essential for creating a tight building envelope. In fact, studies have shown that by sealing all weather barrier wrap joints with tape you can improve the wrap's performance by 20 percent\*. CertaTape gives you the material needed to assure ultimate sealing protection, and maximum weather barrier performance.

\*Source: EERE Consumer's Guide: Air Barriers,  
U.S. Department of Energy, 2006, [www.eere.energy.gov](http://www.eere.energy.gov)

# Protecting Homes. Protecting the Environment.

CertainTeed is committed to creating products that help make homes more beautiful, comfortable and energy efficient. We're also committed to manufacturing processes that contribute to environmental sustainability. With the CertaWrap Weather Resistant Barrier we fulfill our promise in both areas.

- ◆ **ENERGY-STAR Qualified** — CertaWrap enhances a home's energy efficiency. It is a key component in meeting the air sealing and insulating requirements for the ENERGY STAR Qualified New Home program. By meeting the requirements of this program, a home's heating and cooling costs can be reduced as much as 20 percent.
- ◆ **Breathe Easy** — By reducing the risk of moisture-related mold growth, CertaWrap helps improve indoor air quality and pressure by minimizing dust, pollen, pests and pollutants from entering the home.
- ◆ **Interior Comfort** — Homes wrapped in CertaWrap are more comfortable. That's because CertaWrap helps block noise, moisture and unconditioned air that can pass through walls to the home interior.
- ◆ **Building Credits** — CertaWrap contributes to energy efficiency and helps professionals earn credits for National Green Building Standards. For more information, visit [www.certainteed.com](http://www.certainteed.com).

## CertainTeed Cares

CertainTeed cares about the environment, and believes in sustainable manufacturing processes. Wherever possible we produce products using recycled content, work to decrease raw materials consumption, and strive to reduce waste. Our products help building professionals meet green building standards, and enable homeowners to achieve greater energy efficiency.

## CertaWrap: The Superior Weather Barrier

Testing has proven that no weather barrier compares to CertaWrap Premium for outstanding performance. CertaWrap offers superior protection from moisture and air infiltration, UV damage, and rips and tears.

Properties	Water Vapor Permeance	Water Penetration Resistance	Air Penetration Resistance	Trapezoidal Tear Resistance	UV Resistance
Property Definition	Water vapor that passes through thin materials	Pressure resistance of a material to the penetration of water under a static load	Time required for a given volume of air (100cc) to pass through an area of material (one square inch) under a pressure of 4.9 inches of water	How many pounds per square inch of pressure before tearing	Total number of days of direct exposure to the elements
<b>CertaWrap™ Premium</b>	<b>11.7 perms</b>	<b>865 cm</b>	<b>2,500</b>	<b>30/33 lbs</b>	<b>180 days</b>
Tyvek® Homewrap®	58 perms	210 cm	300	6/6 lbs	120 days
HardieWrap™	15 perms	325 cm	1,800	15/18 lbs	180 days

# CertainTeed: Peace of Mind

## **CertainTeed: Quality You Can Trust**

For more than a century, building professionals have trusted CertainTeed for products that deliver long-lasting performance and homeowner satisfaction. CertainTeed continues that quality commitment with CertaWrap Weather Resistant Barrier products, offering an exceptional package of performance warranties.

## **Lifetime Limited Warranty**

CertaWrap Premium Weather Resistant Barrier carries a Limited Lifetime Warranty, offering protection for the lifetime of the homeowner. This warranty is also transferable to the first subsequent property owner.

CertaWrap Standard Weather Resistant Barrier carries a 10 Year Material Warranty.

For additional details and information about CertainTeed's exceptional warranty package, visit [www.certainteed.com](http://www.certainteed.com).



CertainTeed products are designed to work together and complement each other in color and style to give your home a beautiful finished look.



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HOUSEWRAP


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