Know the Facts. Make an Informed Choice.

Weather-resistant barriers are critical components of your home’s construction. That’s because they help reduce the risk of moisture damage and mold growth in the wall cavity. But, all weather-resistant barriers are not the same. When choosing this critical product, it’s important to understand the facts. The following comparison illustrates the performance differences – and advantages – of CertainTeed CertaWrap vs. Competitor X.

Performance Criteria: Water Holdout and Breathability

**FACT 1:** CertaWrap delivers the best balance

Numbers don’t always tell the whole story. As shown in the chart below, the competition delivers a higher raw number for breathability (moisture vapor transmission).

But, the fact is that the true measure of a weather-resistant barrier’s effectiveness is the combined performance of breathability and water holdout.

CertainTeed delivers the best balance of these factors, helping to prevent moisture – and related problems – in wall cavities.*
Performance Criteria: Tear Strength

FACT 2: CertaWrap is 5X stronger

A construction site can be tough on building materials, particularly weather-resistant barriers, that can be left exposed for several months. Material that is punctured or torn could allow moisture to enter the wall cavity. That’s why tear strength is an important measure of performance.

![Tear Strength graph]

Performance Criteria: Surfactant Resistant

FACT 3: CertaWrap has better surfactant resistance

Weather-resistant barriers must continue to perform long after the siding is up and the job is complete. Through the years, soaps from power washing and oils from cedar siding can damage the barrier material. A hole or crack in the weather-resistant barrier can allow moisture to penetrate the wall cavity. Our tests prove that soaps can degrade the surface of the leading competitor. Surfactants, oils and tannins will not degrade CertaWrap over time.

Product Comparison

<table>
<thead>
<tr>
<th>Properties</th>
<th>CertaWrap*</th>
<th>Competitor X**</th>
<th>What it means</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water penetration</td>
<td>&gt;865 cm</td>
<td>250 cm</td>
<td>Both products pass minimum requirements</td>
</tr>
<tr>
<td>Moisture Vapor Transmission</td>
<td>11.7 perms</td>
<td>56 perms</td>
<td>Competitor X is outside of the ideal rating (10 to 20)</td>
</tr>
<tr>
<td>Tear Strength</td>
<td>30/33 lbs</td>
<td>8/6 lbs</td>
<td>CertaWrap is 5x stronger than Competitor X</td>
</tr>
<tr>
<td>UV exposure rating</td>
<td>180 days</td>
<td>120 days</td>
<td>CertaWrap offers 50% longer UV protection</td>
</tr>
</tbody>
</table>

*CertainTeed CertaWrap
**Manufacturer’s published performance specifications as of July 2010

Choose performance.

When choosing a weather-resistant barrier for your home, know the facts and understand the differences. Then, choose the superior protection offered by CertainTeed CertaWrap.

Performance Criteria: UV Exposure

FACT 4: CertaWrap provides 50% longer UV protection

During construction, before the weather-resistant barrier is covered, ultraviolet rays can negatively impact the barrier material. The UV inhibitors in CertainTeed CertaWrap coatings and fibers were proven to provide superior protection compared to the leading competitor. CertaWrap offers 180 days of UV protection, while competitor X provides only 120 days of protection.