Testing for Superior Product Performance

At Endura, we understand that continually looking to improve performance is key to being an industry leader in product durability, quality and integrity. That is why our extensive research and certified testing produce the finest weathersealing products in the industry. We take a critical look at existing products and strive to create new solutions for our customers.

How do we continue to innovate and achieve maximum performance from our line of weathersealing products?

RESEARCH AND TESTING

- Extensive research and rigorous testing under real-world conditions
- Not resting on current product performance – our design and engineering team is constantly improving water and air resistance

ELIMINATING WEAR AND TEAR

- We recognize that resilience and durability are the keys to long-lasting performance
- Our products snap back to original form after compression

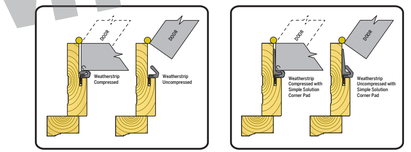
SUPERIOR MATERIALS

- Our new low wick weatherseals absorb over 50% less water
- We use materials that allow compression to keep air and water out while allowing proper door function

PROPER COMPRESSION

- Creating proper margins
- Understanding how weathersealing components work together for proper compression

Dedicated to Product Innovation

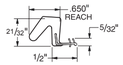


Endura's Simple Solution® Corner Pad is a perfect example of Endura's dedication to inventing a unique product that no one else even considered. When Endura door system testing showed that exterior air pressure can force water up into the interior column of the weatherstrip, the Simple Solution was created. This weathersealing pad:

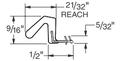
- **Offers the ideal barrier and perfect amount of pressure to keep water from traveling into the weatherstrip.**
- **Prevents costly damage to the door system due to water infiltration.**

Weatherstripping

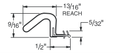
PE650 Low Wick Weatherstrip
(Exposed Barb Kerf In Weatherstrip with Modified .650" Reach)



QEBD650 Weatherstrip
(Exposed Barb Kerf In Weatherstrip with .650" Reach)

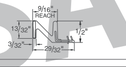


QEBD825 Weatherstrip
(Exposed Barb Kerf In Weatherstrip with .825" Reach)

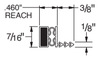


QEB M570 Weatherstrip
(Exposed Barb Kerf In Weatherstrip with .570" Reach)

QEB M670 Weatherstrip
(Exposed Barb Kerf In Weatherstrip with .670" Reach)



MGB Weatherstrip
(Exposed Barb Kerf In Weatherstrip with .460" Reach)



TT 730 Weatherstrip

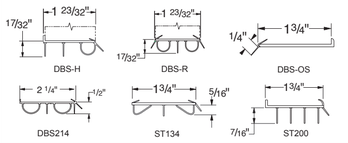
Weatherseals

Low Wick Simple Solution Corner Pad

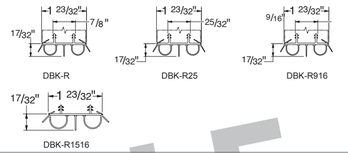
Simple Corner

Door Bottoms

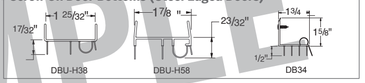
Staple-On Door Bottoms



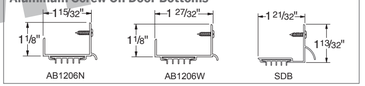
Kerfed Door Bottoms



Screw On Door Bottoms (Steel Edged Doors)



Aluminum Screw On Door Bottoms



Sill Gaskets

Endura Products is Energy Star compliant and works closely with the organization and their Home Sealing Program. While our products are known for reducing damage associated with water infiltration, our components also serve as a barrier to exterior air. This reduced air infiltration allows for easily maintainable room temperatures and reduces the amount of energy needed to power heating and cooling systems.

ENERGY STAR PARTNER

Endura™
PERFORMANCE STANDARD
8817 W. Market St., Colfax, NC 27235
1.800.334.2006 www.enduraproducts.com

Contact us for more information.

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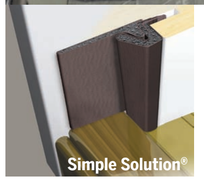
U.S. Patents: D571,932; D599,490; 6,219,971

Performance Standard

Innovation and Proven Performance
Weathersealing by Endura



The Simple Solution® Corner Pad blocks water from traveling up the column in the weatherstrip.

Endura's weathersealing products have a proven reputation for keeping the elements outside of your door system and home. Our unique and innovative weathersealing solutions have been designed and tested to create the ideal barrier for wind or wind-driven rain. Products including the Simple Solution® Corner Pad, Weatherstrip and Door Bottoms are durable and dependable, providing strict resistance to the infiltration of water and the elements. The products are small, yet crucial to overall door system performance.

Endura™
PERFORMANCE STANDARD

SAMPLE
SAMPLE
SAMPLE

Features and Benefits

Weathersealing solutions by Endura provide real-world solutions to real-world problems. Though small in size, each of Endura's weathersealing components are integral to maximum protection from water and other elements.

Our line of weathersealing products are:

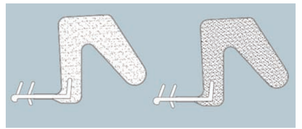
- Tested to the Highest Standards
- Proven Performers in the Field
- Resilient and Constructed with the Most Durable Materials
- Designed for Consistent Compression
- Easy to Install
- Designed to Work Together With Other Endura Weathersealing Components

Improved Performance: Endura's New Low Wick Weatherseals

Endura is now offering weathersealing with reduced wicking tendency. The foam formulation has been modified to provide a combination of closed-cell and open-cell structure. Any moisture that may wick into the foam has its travel and subsequent volume restricted once it contacts the closed cells.

- The low water wicking foam absorbs over 50% less water
- Uses a combination of closed-cell and open-cell structure

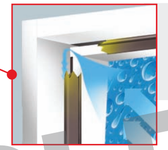
The Low Wick Foam is standard with PE650 & Simple Solution® Pads.



Open Cell Foam Low Wick Foam

Weathersealing Problems and Endura's Product Solutions

At Endura, we take a critical look at weathersealing product performance. The result has been identifying problems and creating real-world solutions.



1 **Problem:** When a door is warped or bowed, the seal can be compromised by high air pressure.

2 **Problem:** Weatherstripping can become kinked or bunched in the door system resulting in poor performance.

3 **The Problem:** Endura discovered that air pressure causes water to flow up the interior column of the weatherstrip into the door system causing damage.

4 **The Problem:** Traditional "fin" designs can loose shape and are unable to keep close contact with the sill.

Innovative Weathersealing Provides Lasting Protection

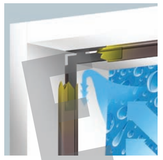
We recognize that resilience and durability are the keys to providing long-lasting protection. Our weathersealing products:

- Are designed, manufactured and tested to provide a lasting seal
- Protect from water & air infiltration

Endura's Simple Corner

The Simple Corner is another creative solution by Endura. It works in conjunction with existing compression weatherstrip to block water and air infiltration at the upper corners of the door unit. Features:

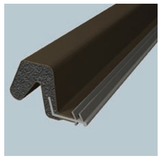
- Constructed of a long-life foam
- Easily installed behind the weatherstrip of the header and side frame to increase contact between the door and weatherstrip
- Keeps area sealed when subjected to high air pressure when door is warped or bowed



Weatherstrip

The memory of the weatherstrip is crucial so when the door is opened the weatherstrip springs back open and still functions when the door is closed again. Weatherstrip with poor memory will crumble, bend & become ineffective. Endura's weatherstrip:

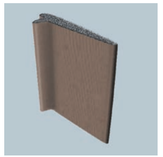
- Snaps back into shape when bent or twisted
- PE650 with low wick foam absorbs over 50% less water



Simple Solution® Corner Pad

Endura discovered that air pressure on the exterior of a door system can cause water to flow up the interior column of the weatherstrip in a "straw effect." The Simple Solution®:

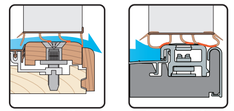
- Blocks water from traveling up the column of the weatherstrip
- Prevents costly water damage due to water intrusion
- Now comes standard with low wick foam



Door Bottoms

Endura's door bottoms offer a superior barrier against air and water. The innovative design and durable materials used in the leading edge bulb design:

- Allow the door bottom to retain its shape and maintain tight contact with the sill
- Prevents intrusion of the elements while minimizing door operating loads



Traditional "Fin" Design Leading Edge Bulb Design

The Leading Edge Bulb Design provides a continuous seal along the sill cap, creating maximum contact between the door and sill.

SAMPLE