



Special Report From Sealeze

Air Infiltration Performance Test Report

Air infiltration – it is a problem in most every building. Not only is it costly, but for the people who live or work in a drafty environment it can be very uncomfortable as well.

It is easy to understand air infiltration. In the summer, heat may enter a building through small cracks around windows, doors and other openings. Of course, air conditioned air escapes from these same cracks. In the winter, this problem is compounded by something known as “chimney” or “stack” effect. Essentially, hot air rises and escapes through openings near the top of the structure while cold air is drawn in through cracks or openings near the bottom of the building. This chimney effect can cause air movement as high as 10 m.p.h.!

Every cubic foot of infiltrated air will be heated or cooled at your expense. Over the course of a year, the additional energy costs really add up. But it is not necessary to settle for a drafty environment.

Sealeze Brush Weatherseals are the most effective weathersealing solution.

- Brushes prevent 98.5% of air infiltration and are three times more effective than vinyl.
- Brush Weatherseals are durable and almost never need to be replaced.
- Sealeze brushes generally last the life of the door.

Brush is most effective

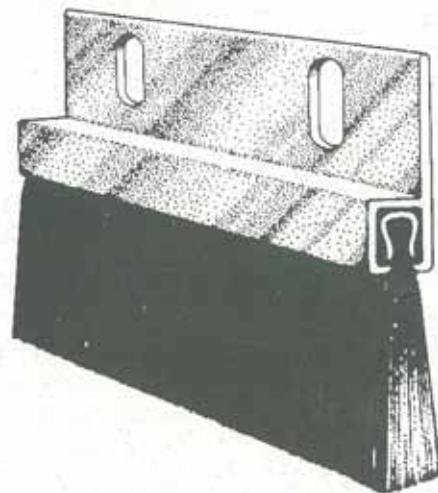
Sealeze Brush Weatherseals allow significantly less air leakage than vinyl seals. What does that mean? For a 10' X 10' sectional door, over a six-month heating season, Brush Weatherseal will keep out an additional five million cubic feet of air – that is five million cubic feet of air you will not be heating! And with high wind on large doors such as airport hangars, Sealeze Brush Weatherseal is the only weatherseal that works at all.

Air Infiltration Rates

Simulated wind speed	No weatherseal	Vinyl seal on top & sides	Sealeze Weatherseal Brush on top & sides
15 mph	6.24 cfm/ft ²	0.30 cfm/ft ²	0.10 cfm/ft ²
25 mph	see note	0.64 cfm/ft ²	0.21 cfm/ft ²
50 mph	see note	see note	0.62 cfm/ft ²

This chart shows the relative amounts of air leakage among three different sealing scenarios. The test was conducted on a 10' X 10' residential garage door. Flow rates are measured in cubic feet per minute per square foot of door opening (cfm/ft²). Note: Infiltration rate exceeded capacity of measuring equipment.

(slots optional)



Sealeze brushes prevent 98.5% of air infiltration.

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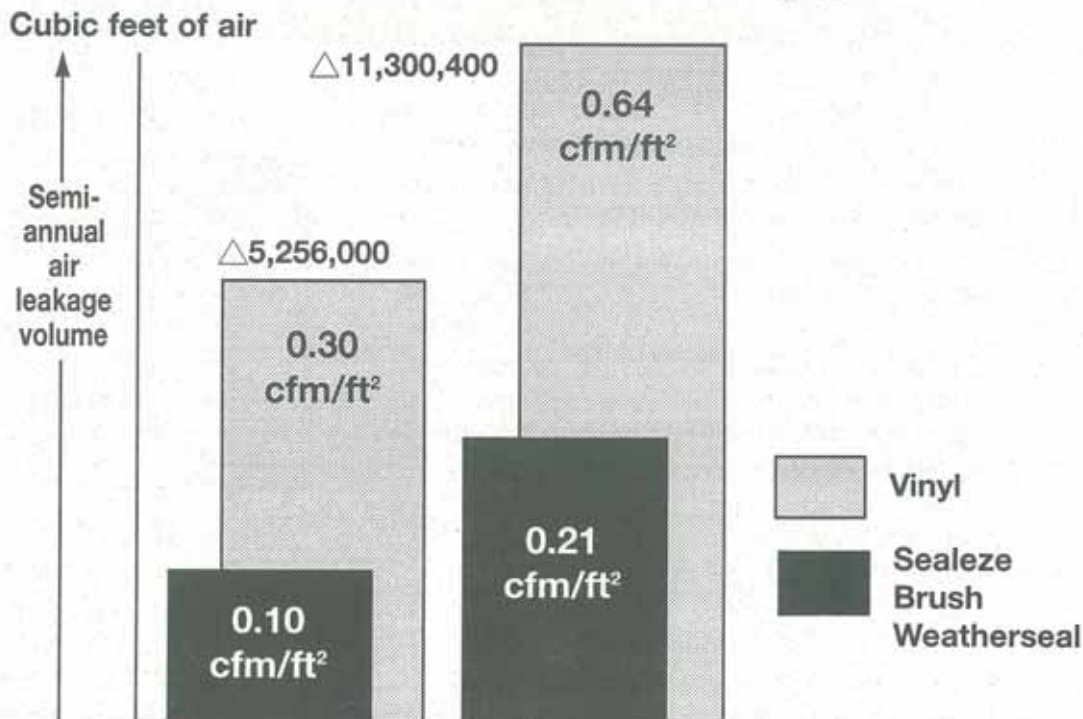


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Air Infiltration Rates Comparison

This chart shows the total air leakage differential over a six month heating season between Sealeze Brush Weatherseal and vinyl garage door seals on a 10'X10' residential insulated garage door.



A 1/4" gap around a 10' x 10' sectional door is equivalent to a hole with an area of 90 square inches.

Brush lasts the longest

Sealeze Brushes are made from 100% nylon for unmatched flexibility and durability. Nylon brush conforms to all surface contours to form a complete seal and does not tear the way solid materials do.

Sealeze brushes almost never need to be replaced. Independent laboratory testing proved Sealeze Brush Weatherseal stands up to 2 million cycles (opening and closing) without degradation. And the nylon holds up to the weather. Brush can usually be expected to last the life of the door.

Use brush for pest control

Brush Weatherseal provides great pest control as well. Because it forms a tight seal around doors, brush blocks the escape of light, heat and odors that attract pests. It also serves as a barrier to pests and other outside elements such as dust, noise, fumes and rain.

Brush has a short payback period

No discussion of energy savings would be complete without mentioning the payback from your investment. **Sealeze Brush Weatherseal generally pays for itself in savings in about one year!** And considering it has a life expectancy of at least 10 years, brush offers a considerable return over its lifetime. Exact payback calculations are dependent on a number of variables unique to each situation. However, a study by the U.S. Navy on energy conservation in aircraft hangars found nylon brush seals to be the superior weatherseal material.



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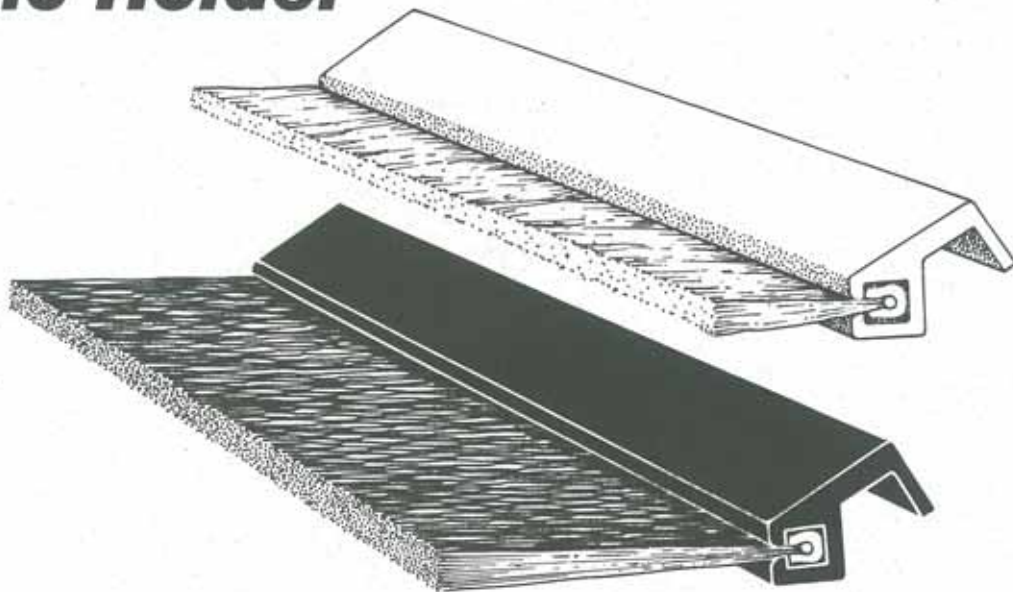


New Product Bulletin From Sealeze

Attention Door Dealers: Increase your Profits from Sales of High-Quality Brush Weatherseals

NEW Sealeze Brush Weatherseal with Plastic Holder

**NEW
PRODUCT
FROM
SEALEZE!**



- Easy to install
- Good alternative to Garage Door Stop
- Works on personnel or overhead doors
- Stocked in brown and white; other colors available (minimum quantities may apply)
- 3 Brush sizes available

Call today for your **FREE** sample and catalog.
Ask about Sealeze's Dealer Support Program and receive a complimentary copy of Sealeze's Special Report:
Door Dealer's Guide to Higher Profits: Earn More on Every Door.



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