



## Shrug off even the heaviest downpour



### HI-FLO Engineered Weeper

Preferred Engineering introduces the HI-FLO Engineered Weeper System that really works.

The HI-FLO reed valve (one way valve) is designed to operate in the low pressures found in window and door sills. Molded from non-hydroscopic material, the HI-FLO reed valve will not retain moisture, which can cause swelling and malfunction in standard nylon-based weepers. The valve remains closed, preventing air and insects from entering the home until the interior water pressure (caused by water infiltration) exceeds the exterior wind pressure, allowing the water to escape. An integrated hood covers the reed valve and protects it from being held closed by water shedding down the face of the window.

Two Christmas tree style fasteners are incorporated to securely attach the weeper to the window frame. Special attention has been taken with this fastener design to ensure that the weeper cannot be knocked from the window and lost in shipping, eliminating costly time consuming service.

HI-FLO weepers can be mounted at any angle up to 45° and still maintain optimal drainage performance.

This precision-engineered product is a small price to pay for peace of mind. Water damage and costly service repairs can be a thing of the past. Don't get caught up, in the misconception that you have to sacrifice air performance for water performance, this is not the case! View our web site: at [www.preferred-eng.com](http://www.preferred-eng.com) to see more information on how this weeper works with any window and how it can be especially beneficial when used with the twin-tiered drainage technique required on tilt in sliders.



- A window with no drainage
- A window with a built-in high capacity drainage system

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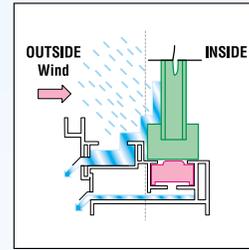
## The System of Choice

*Increase profitability and competitiveness by offering your customers a product with a difference.*

*Preferred Engineering is available to help you customize HI-FLO weepers to fit your needs. Product trouble-shooting in the field or in the manufacturing plant, complete 3D solid edge design systems and in-house testing facilities are all available to help you give your customers maximum performance quickly and cost-effectively.*

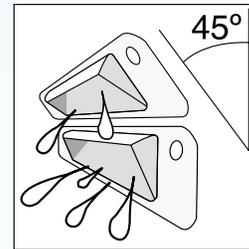
*At Preferred Engineering, we're committed to providing innovative solutions to your window hardware problems. Contact us today to find out how we can help you make the right choice.*

### How it works

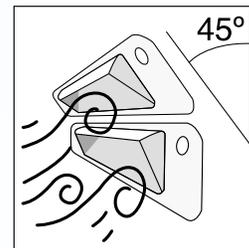


*Sliding windows and doors are particularly susceptible to water drainage problems in the exposed outer portion of the slider track. Water build-up can cause degradation of the finseal on the underside of the sash, leading to leakage, mildew and jamming due to icing.*

*The HI-FLO twin-tiered drainage system facilitates positive water removal from both inner and outer slider tracks.*



*Water draining off the window into the sill tracks flows through the sill and is released outside through the HI-FLO drainage weepers.*



*Wind pressure and insects are blocked from entering the house by the positive closing action of the HI-FLO drainage weeper door.*

*We'll help you build the window that people prefer*

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