Flood Guard uses an inventive design that provides a lightweight, cost-efficient, and reliable flood protection option for openings in most buildings. The product is engineered to provide a watertight guard that protects and prevents water ingress through doors and windows.

Compression seals, made of solid rubber extrusion (SRE), used on the bottom of the guard. This SRE aids in creating a tight seal around the perimeter of the product. In addition, the removable guard can be conveniently stored. Upon news of rain or a flood, simply drop down the guard into the pre-installed aluminum brackets.

The guards are used to deflect unwanted water from penetrating doors and windows. Large openings, garage doors, standard commercial openings, and residential openings, are all ideal applications for the Legacy product to be used.

The aluminum channels used in the Flood Guard are extruded aluminum. The guard itself however is a 5052 type marine grade aluminum. The SRE has been engineered to be specific for this type of application. The rubber compensates for any gaps around the door or window. As water hits the guard, the horizontal hydrostatic pressure is converted to downward pressure on the SRE causing a secure, tight seal around the perimeter of the frame.

### Product Specifications

<table>
<thead>
<tr>
<th><strong>Guard</strong></th>
<th>5052 marine aluminum alloy</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Frames</strong></td>
<td>Channel 6062 alloy T5-T6, with 10-32 stainless steel Allen head tightening screws every 8” on center.</td>
</tr>
<tr>
<td><strong>Seal</strong></td>
<td>SRE composed of high density for strength and low hardness for compression rubber extrusions.</td>
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<tr>
<td><strong>Hardware</strong></td>
<td>#10 x 1 1/4” FHPH with plastic expansion tube anchors. Snap covers for safety provided for the top of the channels and for the mounting holes.</td>
</tr>
<tr>
<td><strong>Installation</strong></td>
<td>To install Hollow Metal frames, Aluminum Frames, Wood frames. To install on concrete, brick or metal surface outside the frame.</td>
</tr>
<tr>
<td><strong>Floor Surface</strong></td>
<td>Optional flat 1/4” x 2” bevels on 2 sides aluminum plate.</td>
</tr>
</tbody>
</table>

- Easy and affordable flood protection
- Heavy-duty, rust-free, marine grade components
- Guards are easy to store
- Exceeds FEMA & NFIP floodproofing certification standards
MATERIALS / SPECIFICATIONS

- 5052 type Marine-grade Aluminum
- 3/4" x 3/4" x 1/4" channel aluminum extrusion
- #10-32 x 3/4" Stainless Steel screws, press fit with two arm head
- Close cell sponge compression EPDM, SRE type

#319 OPTIONAL THRESHOLD

OUTSIDE MOUNT - #5127

INSIDE MOUNT - #5027

www.tmhardware.com 845-388-1300 845-388-1388 sales@tmhardware.com
Oversized Flood Barrier

**Product Specs**

**MATERIALS / SPECIFICATIONS**

- 5052 type Marine-grade Aluminum
- 3/4" x 3/4" x 1/4" channel aluminum extrusion
- 3.1 lbs. per square foot
- #10-32 x 3/4" Stainless Steel screws, press fit with two arm head
- Close cell sponge compression EPDM, SRE type

**OPTIONS**

- Openings greater than 42" use #5029, #5129 and Specify Barclamp
- #5027, #5127 for openings 42" or less
- Specify Mounting to frame - #5029 (Inside) or #5129 (Outside)
- Optional #319 Threshold

**ABREVIATIONS**

- SPR - Sponge Rubber Extrusion
- SRE - Solid Rubber Extrusion

**CONTACT INFORMATION**

- www.tmhardware.com
- 845-388-1300
- sales@tmhardware.com
Window Flood Barrier

Product Specs

MATERIALS / SPECIFICATIONS

- 3/4" x 3/4" x 1/4" channel aluminum extrusion
- 2" x 1/4" aluminum bracket
- Threaded insert 10 x 32 x 7/8" inside thread, stainless steel
- #10 Stainless steel washer
- Close call sponge compressive EPDM with pressure sensitive water resistant tape.
- 10-32 x 3/8" internal hex socket cap head screws
- 3.1 lbs. per square foot
Flood Barrier Mounting Options

INSIDE MOUNT:

OUTSIDE MOUNT:

* Aluminum panel insert is supplied approx. 7/16" shorter than order size
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**HYDRO-STATIC FORCE AT CENTER (LB/SQ. FT)**

![Graph showing hydro-static force at center](image-url)