Passive Flood Barrier

A vertically-deployed, flood-triggered barrier that protects building openings from extremely high water levels.

**Resting Position**
In non-flood conditions, all operational parts are concealed in an underground basin.

**Deployed Position**
As floodwater rises to a predetermined level, an inlet pipe fills the basin, making the flood wall float up.

**Fully Deployed**
When the basin is full, an angled support block locks the flood wall into position making it watertight.
HIGH WATER PROTECTION

This flood defense system uses approaching floodwater to raise its barrier, using the problem to create the solution, protecting from heavy rainfall, gales, or rapidly melting snow.

Applications
Storefronts | Windows/Doors | Access Doors | Entire Perimeter

Technical Specifications

<table>
<thead>
<tr>
<th>SIZE</th>
<th>Custom</th>
</tr>
</thead>
<tbody>
<tr>
<td>PANELS</td>
<td>PUR foam core + fiberglass outer layer</td>
</tr>
<tr>
<td>SEALS</td>
<td>Long-lasting, durable gaskets</td>
</tr>
<tr>
<td>BASIN</td>
<td>Poured Concrete or Steel</td>
</tr>
<tr>
<td>ACTIVATION</td>
<td>Pipe Connection, Inspection Pit, Inspection Pit with Pump, Water Runnel, or Water Runnel with Quick Fill System.</td>
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</tbody>
</table>

FEATURES

Always Ready
Does not need manual activation

Discreet
Remains Underground At Resting Position

No Electric
Operates without human intervention or electricity

User Control
Optional Manual Deployment

No Storage Needed
Remains hidden underground until triggered