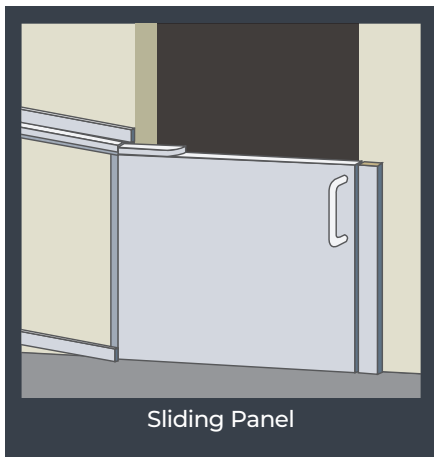




Floodproofing Doorways

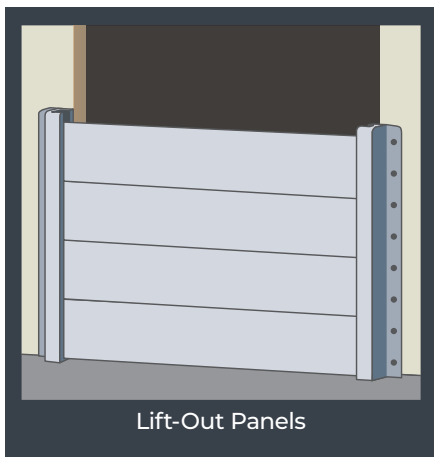
Options for Residents

There are several ways residents can explore to floodproof doorways in Alexandria neighborhoods. This fact sheet describes various barrier types. These can be made of a variety of materials, depending on the size of the opening to be covered, and should include gaskets along their edges.



Sliding Panel

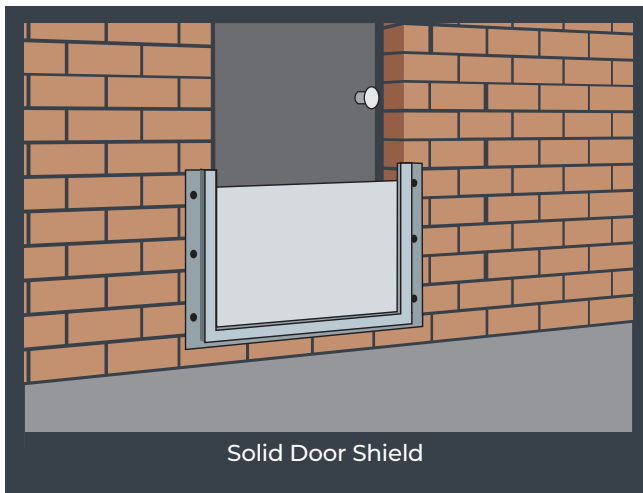
This type of customizable sliding flood barrier protects doorways and building contents from heavy rain and flooding. They are permanently mounted on the wall for ease of use. They require sufficient free wall space beside the door for installation.



Lift-Out Panels

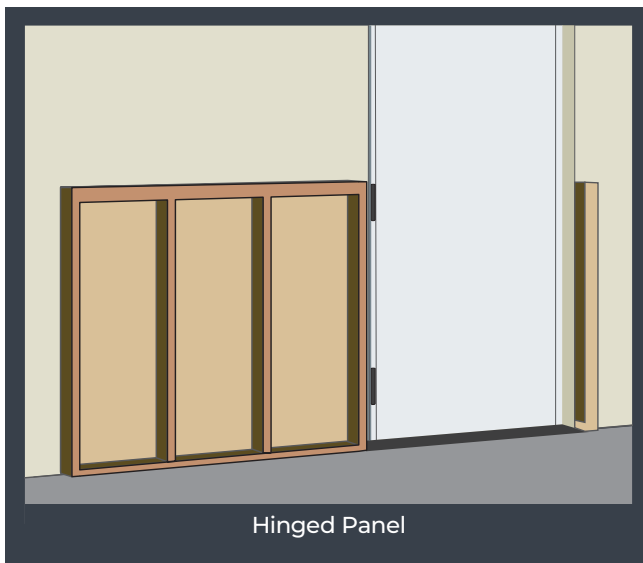
Lift-out panels provide flood protection in vertical increments of roughly six inches. They are used by stacking planks on top of one another to build a watertight barrier in front of your opening. These planks are available in various horizontal lengths to meet your opening requirements.





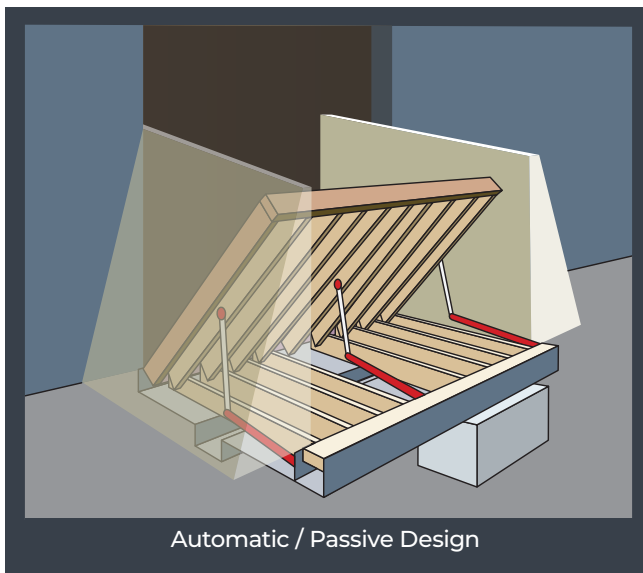
Solid Door Shield

Custom sized flood barriers protect doorways, windows, and building contents from heavy rain and flooding. They easily slide in and out of pre-mounted channels with no tools necessary. Rubber at the edges of the barrier ensures a water-tight seal.



Hinged Panel

Customizable hinged flood barriers protect doorways and building contents from heavy rain and flooding. They are permanently mounted to the exterior wall of the building for ease of use. They require sufficient open space in front of the door being protected to rotate into place.



Automatic / Passive Design

Rising floodwater creates hydrostatic pressure that floats the buoyant aluminum beam and activates the self-sealing rubber gaskets. The higher the water rises, the higher the flood barrier is lifted until it reaches 90° and is held closed by the floodwater. When the water recedes, the flood barrier returns to its recessed location in front of the entryway, allowing vehicle and pedestrian passage to resume.

For more property flood-protection measures, please visit <https://www.alexandriava.gov/FloodMap#PropertyProtectionMeasures>.