



**100%
Customizable**



**Stackable Planks
Install Quickly**

HYDRODEFENSE™ FLOOD WALL (FP-530)

FOR FLOODWATER PROTECTION ON LARGE OPENINGS, THE BEST DEFENSE IS HYDRODEFENSE™

The HydroDefense™ Flood Wall from PS Flood Barriers™ is one of the most effective flood wall systems on the market today. Providing flood protection in vertical increments of six-inch planks, this flood wall is used by stacking planks on top of one another to build a watertight barrier in front of your opening or building perimeter. Designed and engineered especially to keep harmful floodwater out of large openings, this barrier is available in various horizontal lengths and is customizable to meet your specific flood protection needs. The HydroDefense Flood Wall is stored away from your opening, providing the perfect floodwater protection solution in place only when flooding situations occur. It is ideal for protecting retaining walls, driveways, loading docks, storefronts and full building perimeters.



EFFECTIVE AT STOPPING WATER

- Aluminum construction, corrosion resistant
- 100% customizable to fit your specific opening
- Available in vertical six-inch increments and custom lengths

FEWER TRIPPING HAZARDS, EASIER INSTALLATION

- Sill embeds are flush to concrete, with no tripping hazard
- Mullion and unique latching systems are designed for simple, quick deployment
- Lightweight planks designed to be installed by a single individual
- Compression sealed with simple latch system (no compressed air required)



Ask About Our Other Flood Barriers For Large Openings:



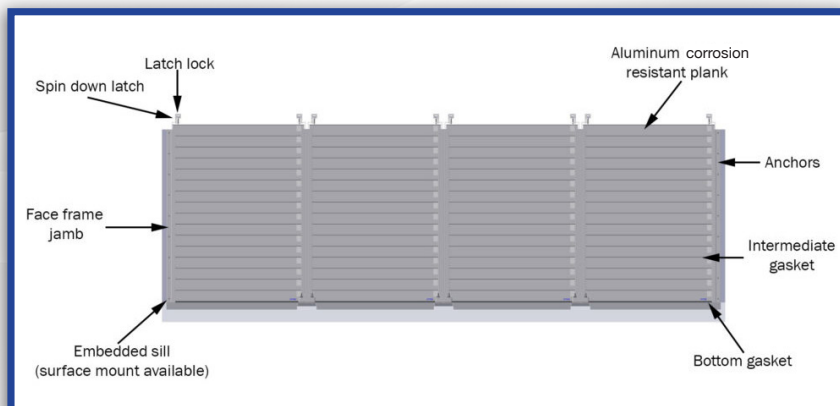
**Self-Closing
Flood Barrier**



**Vertical Lift
Flood Barrier**



**Sliding
Flood Barrier**



STANDARD TECHNICAL DATA

MATERIAL:

- Flood Plank and Frame: 6000 series aluminum alloy
- Gaskets: UV-resistant EPDM (high-grade material) unless otherwise noted
- Mullions: Removable mullions create a sectional barrier of any length
- Installation: To be installed to structural walls, typically concrete or masonry

SILL:

- Embedded angle with Nelson studs:
 - Mild carbon steel, hot-dipped and galvanized
 - Stainless Steel Type 304, mill finish
- Mounted Sill: Stainless steel

HARDWARE:

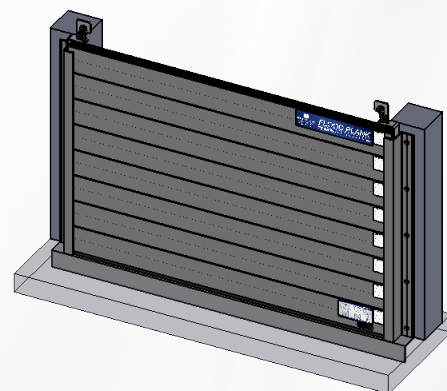
- Frame Mounting Hardware: Provide anchors, sealant and water stop, as required
- Labeling: Each watertight plank and jamb will be individually identified for matched installation

PERFORMANCE:

- Tested to the American National Standard for flood abatement equipment ANSI/FM approvals 2510-2014 4.3.3 up to 12-foot water protection level

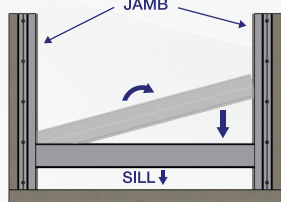
STORAGE:

- Protect materials from exposure to moisture during storage
- Store materials in a dry, warm, ventilated, weathertight location
- If outdoor storage is required, block materials to store at an incline, to prevent pooling of any moisture and promote runoff
- Tarp materials in a tent-like arrangement, elevated above the product with open sides to allow airflow
- Store all other hardware in a dry controlled environment



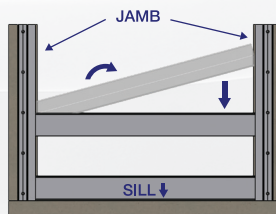
DEPLOYMENT INSTRUCTIONS

STEP 1. Lubricate jamb seals with a water-soap mix. Slide one end of the bottom plank into the jamb toward the sill (do not slide all the way to the sill). Slide the other end into the jamb until the plank is level (careful not to tear the gasket). Once level, slide the plank straight down to the sill.



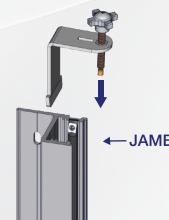
BOTTOM PLANK PLACEMENT

STEP 2. Install remaining planks in the same manner as the bottom plank. Ensure contact with the plank below before moving on.



ADDITIONAL PLANK PLACEMENT

STEP 3. Install standard jamb mount latch. If gaskets are not properly compressed, unlatch barrier panels and adjust latching accordingly. Hand tighten the latch spin knob to a torque of 40 in. lbs.



STANDARD MOUNT LATCH