

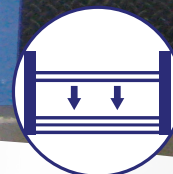


**ANSI 2510
FM 2510**

Approved



Quick Deployment



Stackable Planks
Install Quickly

HYDRODEFENSE® FLOOD PLANK (FP-530)

FOR RELIABLE FLOOD PROTECTION, THE BEST DEFENSE IS HYDRODEFENSE®

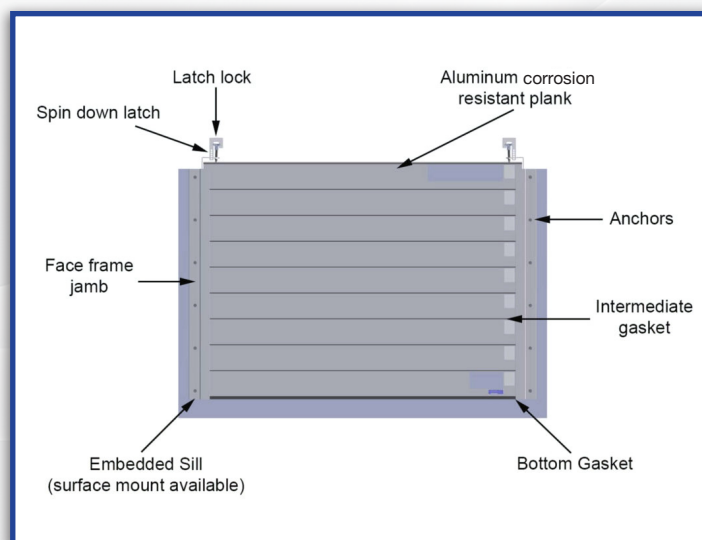
The HydroDefense® Flood Plank system is the most reliable way to protect openings like walk doors, retaining walls, driveways and storefronts from the advance of floodwater. Our flood planks, also known as stop logs, are easily deployed by stacking them on top of one another, creating a watertight barrier in front of your opening. Unlike permanent protection structures, HydroDefense Flood Planks are stored away from your opening, making them the ideal solution when you need protection in place only at the time of flooding.

EFFECTIVE AT STOPPING WATER

- Aluminum construction, corrosion resistant
- 100% customizable to fit your specific opening
- Designed and tested to meet ANSI 2510 and FM 2510 approval standards
- Available in vertical six-inch increments and custom lengths

EASIER DEPLOYMENT, NO TRIPPING HAZARDS

- No sealant required on planks during deployment - watertight protection that deploys quickly without mess or dry time
- Sill embeds are flush to concrete, with no tripping hazard
- Unique latch system 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)
- Planks are stored away from the opening (and installed at time of flooding only)



Ask About Our Other Flood Barriers:



EzDam®



Self-Closing
Flood Barrier



HydroDefense® Flood
Plank™ XL (FP-535)

701.746.4519 | 877.446.1519 | www.psfloodbarriers.com | 4psinfo@psindustries.com



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:

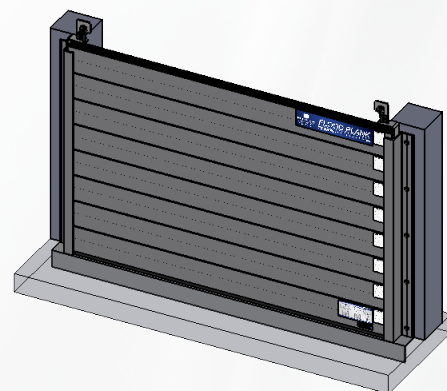
- Frame Mounting Hardware: Provide anchors, sealant and water stop, as required
- Labeling: Each watertight plank and jamb will be individually identified for matched installation

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

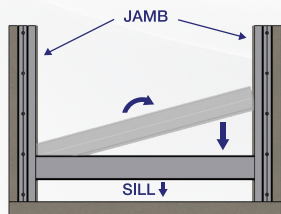
STORAGE:

- 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



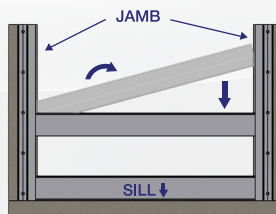
DEPLOYMENT INSTRUCTIONS

STEP 1. Lubricate jamb seals with a water-soap mix. Find the plank labeled "Bottom Plank" and slide one end 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.



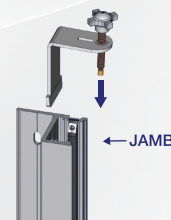
BOTTOM PLANK PLACEMENT

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