

PS Flood Barriers™



SOLUTIONS THAT HOLD WATER

U.S. AND INTERNATIONAL
**PATENTS
PENDING**



FLOOD DOORS

HYDRO1®



Ease Of Install



Low Leakage



ADA Compliant



Independent-Party
Validated

The new Hydro1® Flood Doors are the most progressive products in the passive flood-protection market, serving as both flood-protection barriers and normal-use pedestrian doors. Always in place, the Hydro1 is a purpose-built flood door, not to be confused with repurposed hollow metal doors that fail to meet flood codes. Hydro1 Doors feature the lowest leakage rate in the industry, with a unique one-piece perimeter gasket that creates a watertight seal without risking damage from users. All doors are 100% customizable in single or paired configurations. Hydro1 PD520 and PD522 have passed testing for Florida Product Approval, including the High Velocity Hurricane Zone (Miami-Dade and Broward counties). Select models are ADA compliant.



(HYDRO1-PD520)
HYDRO1®
Pedestrian Flood Door



(HYDRO1-PD522)
HYDRO1®
Fire Rated Flood Door



(HYDRO1-PD525)
HYDRO1®
Mechanical Room Flood Door

- 50% less leakage than the ANSI/FM Approvals 2510-2020 4.3.3 standard; hardware included
- Tested to 3- and 20-foot water protection heights



IN-STOCK HYDRO1® FLOOD DOORS SHIP IN 3 DAYS OR LESS*

The in-stock Hydro1 Flood Door is a standard 3'x7' door panel and is sized to fit openings 40" to 41-1/2" wide and a minimum of 86" tall. It is a single-configuration pedestrian door with a right-hand reverse or left-hand reverse option. The Hydro1's patented design is easy to install, has undergone independent-party witness testing to the ANSI/FM Approvals 2510-2020 4.3.3 standard up to 8 feet of water protection, and is ADA compliant.



Ships In 3 Days
Or Less*

* Limited to stock on hand

(HYDRO1-PD522 STOCK)

FM CERTIFIED FLOOD DOORS

The FM APPROVED mark is recognized and respected worldwide. The certification instills confidence in the marketplace by certifying quality, technical integrity and product performance. The original Pedestrian Flood Door (PD-520), the original Mechanical Room Flood Door (PD-525) and the Fire Rated Flood Door (PD-522) have all been tested and passed the FM Approvals 2510 Standard (ANSI 2510). Each product is available in single and paired configurations.



Approved



Always In Place



Pedestrian Flood Door
(PD-520)



Mechanical Room Flood Door
(PD-525)



Fired Rated Flood Door
(PD-522)

BARRIERS



AQUATRIGGER™ *Automatic Flip-Up Flood Barrier*

(BH-590)

This pivotal flood protection solution self-stores flush with a walk/drive surface. It is AASHTO H-20/ HS-20 load rated for large truck traffic, and if flooding occurs, the water's hydrostatic pressure causes the barrier to automatically pivot up, providing water protection up to 8 feet in height. In addition to being passively activated, this barrier can also be manually or electronically deployed.



Independent-Party
Validated



Self-Stores,
Pivots Open



100%
Customizable



Quick
Deployment

HINGED FLOOD BARRIER

(Single HSS-550, Paired HSP-555)

This flood barrier is designed specifically for the height of water protection that you require. It is available in a single or paired swing configuration. It is similar to a swing door and is permanently installed at the opening.



100%
Customizable



Quick
Deployment

VERTICAL LIFT FLOOD BARRIER (VL-580)

This unit provides powerful flood protection designed for unique opening applications. It is perfect for floodproofing in areas where conventional swinging, sliding or lift-out barriers will not work.



100%
Customizable



Quick
Deployment

SLIDING FLOOD BARRIER (HS-560)

This flood protection barrier is designed specifically for the height of flood protection you require. The barrier simply slides horizontally into place to cover your opening. Stored at the opening for fast deployment during flooding conditions.

HATCHES



Self-Stores,
Pivots Open



Always In Place

FLOOD HATCH (FH-540)

This Flood Hatch is always in place, protecting underground utilities, tunnels and subway systems from flooding.

BARRIERS CONTINUED



HYDRODEFENSE[®] *Flood Plank™ XL* (FP-535)



Independent-Party
Validated



Stackable Planks
Install Quickly

Specifically engineered to protect extra-large openings, the HydroDefense system is custom built using our proprietary flood planks that integrate together to form a watertight wall. It's the perfect solution for municipalities, college campuses or companies with large facilities and is ideal for heavier flood loads (up to 20 feet high).



AQUATRIGGER™ *Self-Closing Flood Barrier* (SCFB-570)



Self-Stores



Always In Place

This unique design allows for a passive response to rising waters, protecting your facility from dangerous flooding. When flooding occurs, the barrier rises into position without human intervention, electricity or power. This barrier is triggered by the hydrostatic pressure of rising floodwater.



100%
Customizable



Simple
Installation

LIFT-OUT FLOOD BARRIER (LO-510)

A rugged water stopper, this barrier provides flood protection at time of need. This barrier is installed in flooding conditions or stored away from the opening when flood risk is low.

SPILL CONTAINMENT BARRIERS

Spill containment barriers from PS Flood Barriers are excellent for industrial applications where spills can become a hazard. Our AquaTrigger Barriers, EzDam and Plank Systems are custom designed to prevent water, chemical spills or sprinkler releases from spreading throughout your facility or harming the environment.



Self-Stores,
Pivots Open



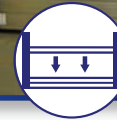
Deployed Electronically,
Manually Or Passively



Corrosion
Resistant



Simple
Installation



Stackable Planks
Install Quickly



100%
Customizable

PS Flood Barriers™: Solutions That Hold Water

LIFT-OUT FLOOD BARRIERS



EzDam®
(EZD)



Corrosion
Resistant



Simple
Installation

EzDam® is an easy and economical option for flood protection. Simply latch the barrier to the jambs in front of your door opening. It deploys in just 30 seconds. Store EzDam away from your opening and use only during flooding conditions. This product is an excellent alternative to heavy and messy sandbags.



HYDRODEFENSE®
Flood Plank™ (FP-530)



Stackable Planks
Install Quickly



Independent-Party
Validated

Our HydroDefense® Flood Planks™ provide flood protection in vertical increments of 6-inch planks. Available in various horizontal lengths, this product meets ANSI 2510 and FM 2510 approval standards and is ideal for medium flood loads (up to 8 feet high).



Grand Forks, North Dakota, 1997

Flood Concerns Shouldn't Erode Your Confidence

At PS Flood Barriers™, we learned about the incredible power of water firsthand during the Red River's devastating flood of 1997 in our hometown of Grand Forks, North Dakota. In fact, our team evolved in response to several catastrophic floods in our area.

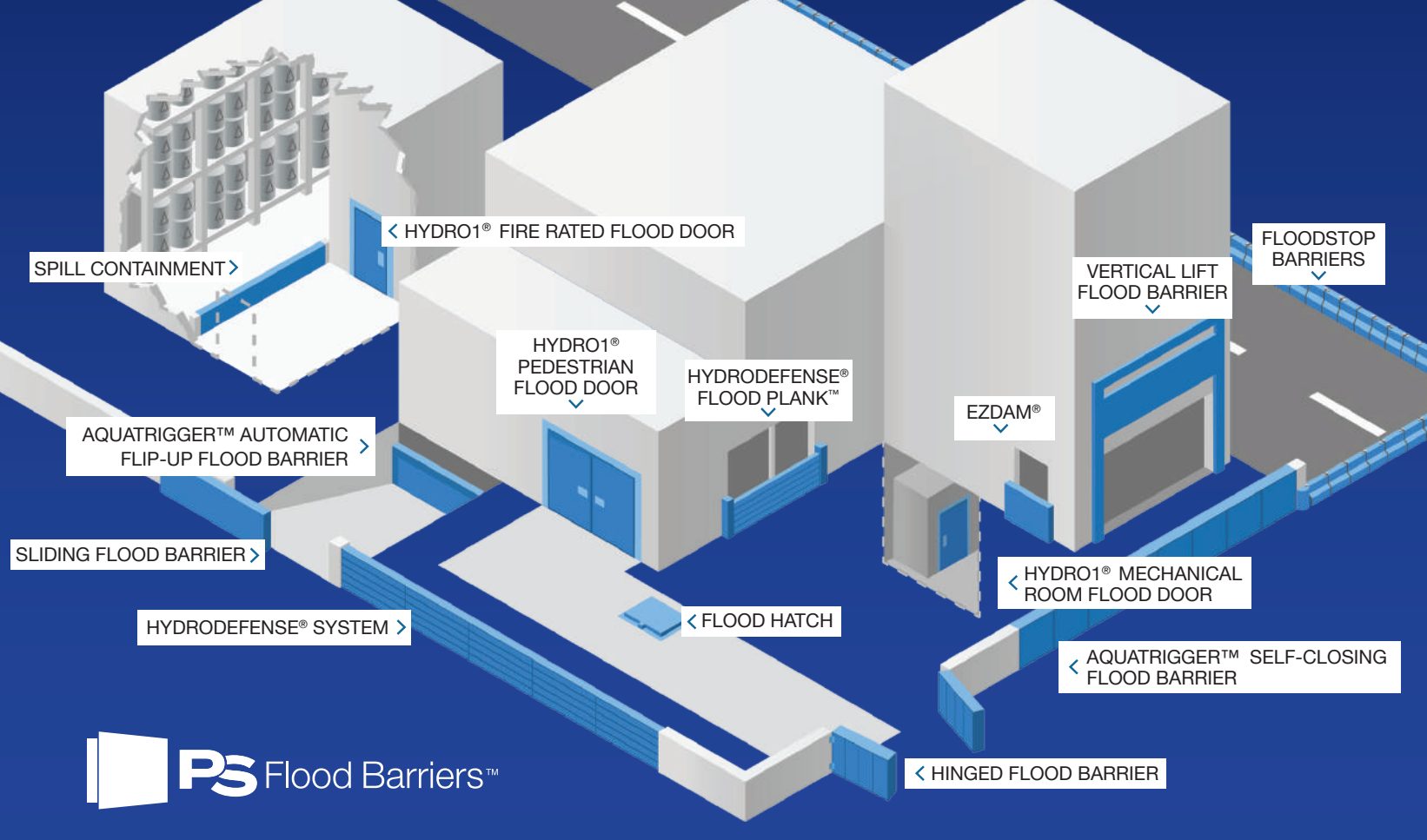
You can trust PS Flood Barriers to keep your facility dry, even when the waters rise outside.

State-of-the-Art Manufacturing – PS Flood Barriers' products are built in an ultramodern, 180,000-square-foot facility that includes in-house engineering, design, manufacturing, extensive testing capabilities, and research and development.

FM/ANSI Approval – Several of our products meet the FM/ANSI 2510 standard, and many items have attained Level 3 Platinum status through the National Flood Barrier Testing and Certification Program in partnership with the U.S. Army Corps of Engineers, FM Approvals and the Association of State Floodplain Managers.

Customization – We understand that every flooding situation is distinct, and we can manufacture custom flood protection for even the most unique applications.

ISO Certification – Our company is ISO quality management certified, ensuring that we consistently meet the quality and regulatory standards needed to protect your most important assets.



PS Flood Barriers™



Check out these other product lines from PS Industries®



PS Access Solutions™ include a complete line of industrial doors and hatches constructed to specifically withstand the abuses of industry and manufacturing.



PS Safety Access™ fall-protection products include gates, hatches and doors that provide barriers against everyday workplace dangers that can injure personnel and hinder productivity.

877.446.1519 | psfloodbarriers.com | 4psinfo@psindustries.com
 1150 South 48th Street | Grand Forks, ND 58201