

SOLUTIONS THAT HOLD WATER




PS Flood Barriers®

POINT-OF-USE-STORAGE FLOOD BARRIERS

Now from PS Flood Barriers (formerly products of ILC Dover), Flex-Gate® and Flex-Cover® flood barriers are constructed using a revolutionary combination of high-strength textiles and corrosion-resistant hardware. They can all be deployed in minutes by just one or two people. Plus, the point-of-use storage offered by these products is an important element in many flood protection strategies.



Point-Of-Use
Storage



Quick
Deployment

FLEX-GATE®

Bottom Deploy (FGBD)

This is a high-strength fabric wall that deploys vertically, rapidly providing flood protection around and between buildings, across doors of any size or in front of glass.



ANSI 2510
FM 2510 Approved*



Point-Of-Use
Storage



Quick
Deployment

FLEX-GATE®

Side Deploy (FGSD)

This product is made from high-strength fabric and deploys from the side. It can be installed around and between buildings, as well as across doors of any size or across window walls.

**FM tested and approved to the FM2510 (2013) approval standard for flood abatement equipment.*



Point-Of-Use
Storage

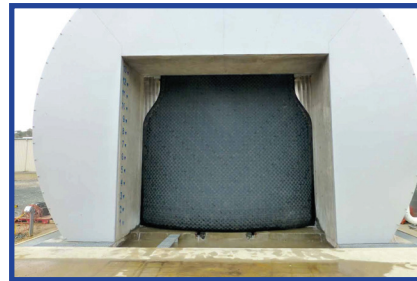


Quick
Deployment

FLEX-GATE®

Stairwell (FGS)

A high-strength, dry flood-proofing closure that can be deployed rapidly for flood mitigation of tunnels, doors or portals of any kind. It can fit openings of any shape, size or orientation.



Point-Of-Use
Storage



Quick
Deployment

FLEX-GATE®

Portal (FGP)

This is a high-strength flexible wall that can be deployed rapidly for flood protection of portals, road tunnels, vehicular entrances and other infrastructure.



Point-Of-Use
Storage



Quick
Deployment



100%
Customizable

FLEX-COVER®

Grate (FCG)

An economical and reliable method of dry flood protection for grates, this unit features a highly durable coated fabric cover that is built to withstand any water depth and shaped to fit any opening configuration. It can also be adapted for use on vertical ventilation shaft covers or louvers. Point-of-use-storage options are available, giving you the advantage of storing it directly beside the grate or nearby in our optional container.



Point-Of-Use
Storage



Quick
Deployment



100%
Customizable

FLEX-COVER®

Resilient Tunnel Plug (FCTP)

This high-strength inflatable device rapidly deploys to prevent flooding in a tunnel of any shape or size. It can also be used for other applications, including the prevention of flooding from top-down water events or to partition tunnels to prevent the movement of smoke, chemical/biological agents or people. It has been validated via testing in a 16.5-foot-diameter representative rail tunnel against a 30-foot water head pressure challenge.

PASSIVE FLOOD BARRIERS

HYDRO1®



Ease Of Install



Low Leakage



ADA Compliant



Independent-Party
Validated

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 Flood 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

Requires human interaction to latch



(HYDRO1-PD522 STOCK)

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.

*Limited to stock on hand



**Ships In 3 Days
Or Less ***

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.

**FM tested and approved to the FM2510 (2013) approval standard for flood abatement equipment.*



Approved*



Always In Place



**Pedestrian Flood Door
(PD-520)**



**Mechanical Room Flood Door
(PD-525)**



**Fire Rated Flood Door
(PD-522)**

PASSIVE FLOOD BARRIERS (CONTINUED)



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.



Self-Stores,
Pivots Open



Independent-Party
Validated



Point-Of-Use
Storage



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

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.



Self-Stores



Always In Place



Point-Of-Use
Storage

ACTIVE FLOOD BARRIERS



HYDRODEFENSE® (FP-530) *Flood Plank™* (FP-535)

Available in two models, the HydroDefense® Flood Plank™ system provides flood protection in vertical increments of 6-inch (model FP-530) or 8-inch (model FP-535) planks. They are used by stacking planks on top of one another to build a watertight barrier. The FP-530 is ideal for medium flood loads (up to 8' high), while the FP-535 is ideal for heavier flood loads (up to 20' high).

**FM tested and approved to the FM2510 (2013) approval standard for flood abatement equipment.*



Stackable Planks
Install Quickly



ANSI 2510
FM 2510 Approved *



100%
Customizable



Independent-Party
Validated



100%
Customizable



Quick
Deployment



Point-Of-Use
Storage

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



Point-Of-Use
Storage

VERTICAL LIFT FLOOD BARRIER (VL-580)

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

ACTIVE FLOOD BARRIERS (CONTINUED)



100%
Customizable



Quick
Deployment



Point-Of-Use
Storage

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. It's stored at the opening for fast deployment during flooding conditions.



100%
Customizable



Simple
Installation



ANSI 2510
FM 2510
Approved *

LIFT-OUT FLOOD BARRIER (LO-510)

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

**FM tested and approved to the FM2510 (2013) approval standard for flood abatement equipment.*



Corrosion
Resistant



Simple
Installation

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.

EzDam® (EZD)

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. This product is an excellent alternative to heavy and messy sandbags.

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



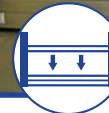
Deployed Electronically,
Manually Or Passively



Corrosion
Resistant



Simple
Installation



Stackable Planks
Install Quickly



100%
Customizable



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.



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.



PS Public Protection® manufactures customized doors, hatches and barriers that mitigate unforeseen risks to your business or residence, both from nature and humans.

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