



Easy To Install



Low Leakage



ADA Compliant

## HYDRO1® PEDESTRIAN FLOOD DOOR (HYDRO1-PD520) EVERYDAY FUNCTIONALITY, LOWEST LEAKAGE RATE IN THE INDUSTRY

The new Hydro1 Pedestrian Flood Door from PS Flood Barriers™ redefines the term “multi-functional,” serving as both a passive flood-protection barrier and a normal-use pedestrian/egress door. It provides protection with the lowest leakage rate in the industry and requires no human intervention to deploy. Floodwater stays outside where it belongs. The Hydro1 is a purpose-built flood door, not to be confused with repurposed hollow metal doors that fail to meet engineering required for a flood door (and feature gaskets on walking surfaces).

### AROUND-THE-CLOCK PEACE OF MIND

- Always in place, providing 24-hour flood protection while still allowing access to your facility
- Lowest leakage rate in the industry with independent-party-witnessed factory testing to 3' and 20' water protection heights; 50% less leakage than the **ANSI/FM Approvals 2510-2020 4.3.3 standard (hardware included)**
- One-piece perimeter gasket creates a forgiving, water-tight seal
- The Hydro1-PD520 Single configuration door has passed Florida Product Approval testing, including approval for the High Velocity Hurricane Zone (Miami-Dade and Broward counties). FL #39631

### ENGINEERED TO MEET THE CHALLENGE

- Door and threshold are ADA compliant
- Professionally engineered to meet flood codes
- Professionally hydrostatic load-tested to the ANSI/FM Approvals 2510-2020 4.3.3 standard (testing documentation available)

### UNIQUE OPTIONS TO MEET YOUR EXACT REQUIREMENTS

- 100% customizable
- Available in single and paired configurations
- Fully assembled with authorized hardware and lockset installed
- Step-by-step, detailed installation instructions

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

