



Fire Rating



Low Leakage



ADA Compliant

HYDRO1® FIRE RATED FLOOD DOOR (HYDRO1-PD522)

EVERYDAY FUNCTIONALITY, LOWEST LEAKAGE RATE IN THE INDUSTRY

The HYDRO1-PD522 Fire Rated Flood Door is a normal-use swing door, specifically engineered for interior and exterior openings requiring watertight flood protection and a 90-minute fire rating. It provides protection with the lowest leakage rate in the industry and requires no human intervention to deploy. Always in place, this dual-defense door provides unmatched flood and fire protection while allowing pedestrian access to your facility.

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)**.
- 90-minute fire rated – positive pressure endurance test criteria per UL10C
- One-piece perimeter gasket creates a forgiving, water-tight seal
- The Hydro1-PD522 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

