



HYDRO1®



HYDRO1® PEDESTRIAN FLOOD DOOR THE FLOOD DOOR THAT SETS THE STANDARD

The Hydro1® Pedestrian Flood Door from PS Flood Barriers® redefines the term “multifunctional,” serving as both a passive flood-protection barrier and a normal-use pedestrian/egress door. The Hydro1 is engineered to be one of the best flood doors available, featuring the lowest leakage rate in the industry and requiring no human intervention to deploy. Thousands of customers have trusted Hydro1 flood doors to protect hospitals, infrastructure, commercial facilities, transportation systems and mission-critical buildings around the world.

LOWEST LEAKAGE RATE IN THE INDUSTRY – Independent-party-witnessed factory testing to 3’, 8’, 20’ and 30’ water protection heights with 50% less leakage than the ANSI/FM Approvals 2510-2020 4.3.3 standard (hardware included).

INDUSTRY-LEADING FLOOD PROTECTION – Select configurations have passed Florida Product Approval testing, including approval for the High Velocity Hurricane Zone (Miami-Dade and Broward counties) – FL #39631.

ALWAYS IN PLACE – Serving as both a flood-protection barrier and an ADA-compliant, normal-use pedestrian door, Hydro1 provides 24-hour flood protection while still allowing access to your facility.

ENGINEERED FOR REAL FLOOD CONDITIONS – A purpose-built flood door, not to be confused with repurposed hollow metal doors that fail to meet flood codes (and feature gaskets on walking surfaces).

VARIETY OF OPTIONS TO MEET UNIQUE REQUIREMENTS – 100% customizable in single and paired configurations with other configuration options that include face overlap frame doors for mechanical applications and a 90-minute fire rating.



Single door configuration



Paired door configuration



Hydro1® shown with required FM XFL face overlap frame for 30’ of water testing.

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