



Always In Place



Approved

PEDESTRIAN FLOOD DOOR (PD-520)

EXCEPTIONAL FLOOD PROTECTION FROM A PEDESTRIAN DOOR

The Pedestrian Flood Door from PS Flood Barriers™ is one of the most progressive products in the flood-protection market, serving as both a flood-protection barrier and a normal-use pedestrian door. Our Pedestrian Flood Doors provide simple yet effective passive flood protection: as long as the door is closed and latched, your building is protected from flooding.

PROTECT AGAINST FLOODING WITHOUT WORRYING ABOUT FLOODING

- Pedestrian Flood Doors are always in place, giving you constant flood protection while still allowing access to your facility
- Unmatched flood protection with no human intervention required
- Can be fitted with standard panic hardware or an electric lever to use with a card reader

ENGINEERED TO PERFORM AND PROTECT

- Designed and tested to meet FM standards
- Available in mild steel, stainless steel and aluminum construction
- Compression sealed (requires no compressed air for activation)

UNIQUE DOORS FOR YOUR UNIQUE NEEDS

- 100% customizable
- Pre-hung door and frame package available for easy installation at retrofit
- Windows and other design options available depending on water protection height requirements
- Available in single and paired configurations
- Ships ready to install



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STANDARD TECHNICAL DATA

MATERIAL:

- Flood Door to be fabricated from the following type of material:
 - Steel: Commercial-quality, low-carbon structural or formed shapes, tubing, and bars of appropriate size and strength with welded construction
 - Stainless Steel: Type 304 or Type 316 structural or formed shapes, tubing, and bars of appropriate size and strength with welded construction
- Door Panel: Sheeted with sheeting or plate of the following type:
 - Steel: Commercial-quality, low-carbon steel of appropriate size and strength, structurally bonded
 - Stainless Steel: Type 304 or Type 316 stainless steel of appropriate size and strength, structurally bonded
- Gaskets: UV resistant EPDM, neoprene and rubber (high-grade material) unless otherwise noted
- Door Frame: 6000 series aluminum alloy

HARDWARE:

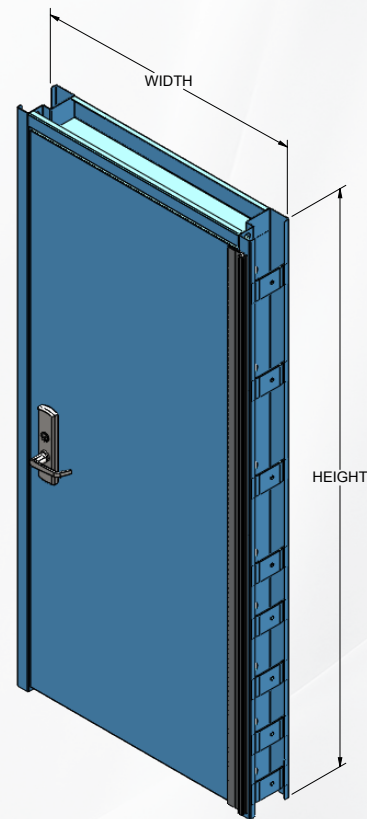
- Frame Mounting Hardware: Anchors, sealant, and water stop (as required)
- Operating Hardware:
 - Aluminum (AL689 finish) hinge to be continuous type
 - Standard Latching/Locking Hardware:
 - Interior: Von Duprin 98/99 series Rim exit device
 - Exterior: Von Duprin 996L Lever, classroom function (specifically chosen and tested for the PD-520)
 - Deadbolt Latch
 - Closer: Retrolock RDC4000 H-CUSH, heavy-duty grade 1 (AL689 finish)
- Labeling: Each watertight door and frame will be individually identified for matched installation

PERFORMANCE

- Designed and tested to meet FM standards

STORAGE:

- Protect materials from exposure to moisture during storage
- Store materials in a dry, warm, ventilated, weather-tight location
- If outdoor storage is required, block materials to store at an incline, to prevent pooling of any moisture and promote runoff
 - Tarp materials in a tent-like arrangement, elevated above the product with open sides to allow airflow
- Store all other hardware in a dry controlled environment



*DOOR COLOR CHOSEN BY CUSTOMER. PS FLOOD BARRIERS™ DOORS ARE PAINTED IN SHERWIN-WILLIAMS INDUSTRIAL ENAMEL.

Ask About Our Other Flood Doors:



**Mechanical Room
Flood Door PD-525**



**Fire Rated Flood
Door PD-522**