



SPECIFICATION SHEET



The Hydro Dam aluminum panel flood barrier system is a robust and reliable solution designed to protect doorways and other openings from flooding.

Permanent mounting posts are discreetly installed on either side of the opening. When a flood threat arises, these posts are ready to receive stackable aluminum panels, allowing you to build the barrier to the required height.

Capable of withstanding water levels up to 6 feet, the Hydro Dam flood barrier offers strong protection for buildings, homes, and facilities against various types of flooding.

Onyx Series Specs - Powder Coated Grey

Panels

Individual Panel Height: 7.48"

Panel Depth: 1.57"

Panel Wall Thickness: 2.50 mm

Panel Weight: 2.49 lbs per ft

Posts

Post Weight: 3.45 lbs. per ft.

Post Depth: 3.54"

Post Width: 2.36"

Center Post Width (Double Channel): 4.72"

Center Post Weight: 7.53 lbs. per ft.

Sentinel Series Specs - Raw Aluminum

Panels

Individual Panel Height: 7.28"

Panel Depth: 1.56"

Panel Wall Thickness: 2.00 mm

Panel Weight: 2.016 lbs per ft

Posts

Post Weight: 3.03 lbs. per ft.

Post Depth: 3.94"

Post Width: 2.756"

Center Post Width (Double Channel): 5.12"

Center Post Weight: 6.05 lbs. per ft.



Why Use Hydro Dam Flood Barriers?

Protection Height

- Strong defense against extreme flooding of up to 6 feet
- Engineered to resist intense storms and unexpected flash floods
- Perfect for protecting garages, doorways, and other essential access points
- Ensures dryness by securing expansive loading dock spaces
- Quick setup of panels when time is of the essence
- Constructed to withstand high winds and debris impact

Deployment | Installation | Storage

Choose the Best Installation for Your Hydro Dam System

Decide whether you prefer to install the posts on the inside or outside of the opening, and measure the area accordingly.

For inside-mounted posts, precise measurements are essential.

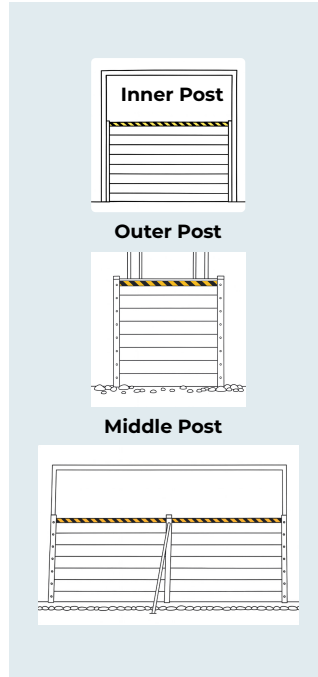
Utilize a hammer drill to make mounting holes in concrete or metal. Secure the posts with bolts for permanent installation.

Loosen and remove the top bracket, then slide the panels into the mounting posts until all are stacked and ready to secure.

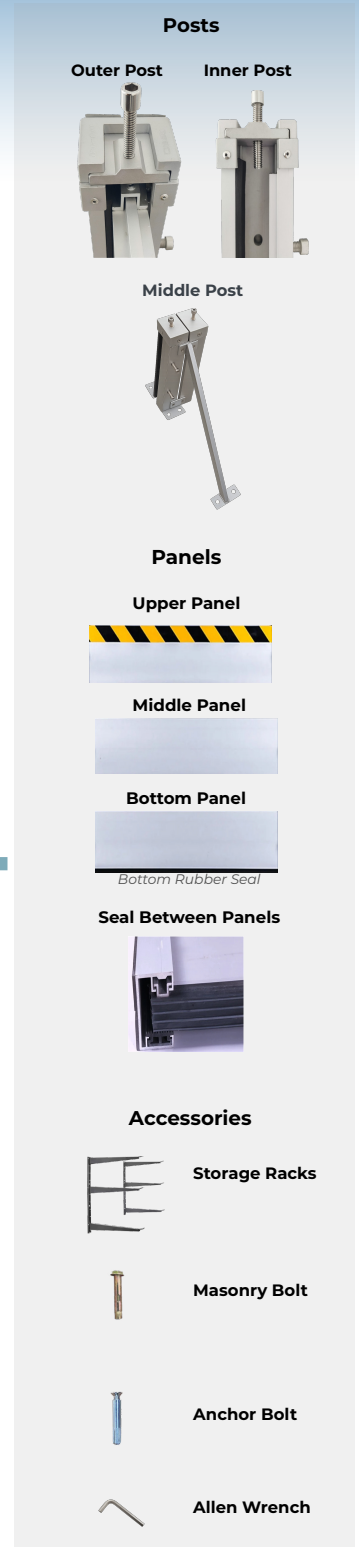
Insert the tensioning plate with the bolt at the post's top and tighten with the Allen wrench, applying downward pressure on the panels to enhance the seal. Then, secure the flood panels against the seals for a watertight fit.

Post-use, detach the panels and rinse with a hose or pressure washer, avoiding damage to rubber seals. For stubborn dirt, use household cleaners. Ensure panels are fully dry before stacking.

Note: It is essential to confirm that your structure can withstand the hydrostatic pressure associated with flooding, in compliance with dry flood-proofing standards. Please consult a local Professional Engineer (PE) for guidance.



Components



727.613.1415
TheHydroDam.com
Info@TheHydroDam.com

