HAMMERHEAD
ALUMINUM FLOOD PLANKS

The Hammerhead™ aluminum panel flood barrier system is a durable flood barrier that enables you to protect doorways and other openings against flooding.

Mounting posts are installed on either side of the opening to be protected. These unobtrusive posts remain in place permanently and when flooding is expected are designed to receive a series of aluminum panels, which are stacked as needed to the height required.

The Hammerhead™ flood barrier is able to withstand water up to 6 feet and will protect your building, residence, or facility against all types of flooding.

Product Details

Panels

- **Panel Material:** 6063 T-6 Aluminum
- **Panel Width:** Varies Depending on Opening Size
- **Individual Panel Height:** 7.87" (20cm)
- **Panel Weight:** 2.016lbs per ft.
- **Panel Depth:** 1.58" (40mm)
- **Panel Wall Thickness:** 0.0787" (2mm)
- **Sealing Strip Material:** Rubber EPDM
- **Tallest Protection Height:** 6.6ft (10 panels)

Posts

- **Post Material:** 6063 T-6 Aluminum
- **Post Height:** Varies depending on number of panels
- **Post Weight:** 3.025lbs per ft.
- **Post Depth:** 3.94" (10cm)
- **Post Width:** 2.36" (6cm)
- **Center Post Width (Double Channel):** 5.12" (13cm)
- **Center Post Weight:** 6.05lbs per ft.
- **Sealing Material:** Rubber EPDM

GARRISON FLOOD CONTROL

Why Use Hammerhead Flood Panels?

- Serious protection against severe floods up to 6ft.
- Handle threats from severe storms and sudden flash flooding
- Protect garages, doors, and other entryways or exits
- Keep facilities dry by protecting large loading dock entrances
- Quickly deploy slats when time matters most
- Durable enough to handle high winds and debris
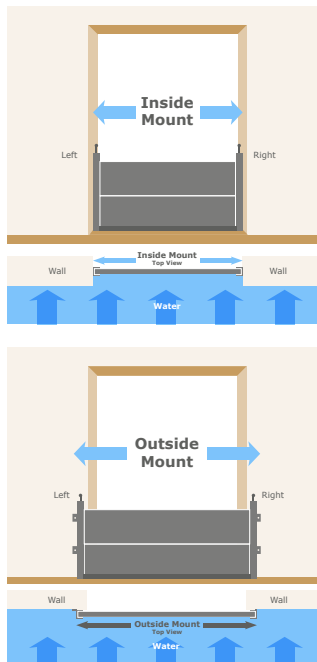
Deployment | Installation | Storage

Decide if you prefer to install posts inside or outside your opening and measure the opening accordingly. Precise measurements should be made for internally mounted posts. Use a hammer drill to drill mounting holes into concrete, cinder block, cement walls or metal frames. Place posts and insert and tighten mounting bolts. Posts remain in position permanently.

Loosen and remove the top locking bracket before panel insertion. Insert panels into the mounting posts on each side of the door opening. Continue to insert panels until all panels are in position and ready for tightening.

Insert the post tensioning plate with bolt in the post tops and use the Allen wrench to tighten them down, applying pressure to all panels below and enhancing the seal. Then use the included Allen wrench to tighten the bolts in each post, securing the flood panels against the internal rubber seal.

After use, you can remove and hose down or pressure wash the panels, making sure to clear away any stuck on debris. Be careful not to disturb or damage the rubber seals if using a pressure washer. Standard household cleaners can be used to clean stubborn dirt. Stack panels after they are completely dry.

It is important to confirm that your structure can withstand the hydrostatic pressure of a flood for dry floodproofing standards. Consult with local PE (Professional Engineer).

Inside Mount

Left — Right

Inside Mount Top View
Wall — Wall
Water

Outside Mount

Left — Right

Outside Mount Top View
Wall — Wall
Water

GARRISON
FLOOD CONTROL

For Additional Help or Support -
Contact sales@garrisonflood.com

(929) 299-2099 | www.garrisonflood.com

System Components

Aluminum Panels

Outside Mount Post (L/R)

Inside Mount Post (L/R)

Center Post

90-Degree Corner Post

Center Post Kicker Leg

Drop-in Anchor Bolt

Masonry Bolt

In-Ground Anchor for Center Post

Post Kicker Baseplate

Protection Height

Height of Protection	# of Panels
78.7"	10
70.8"	9
63"	8
55.1"	7
47.2"	6
39.4"	5
31.5"	4
23.6"	3
15.7"	2
7.9"	1