



Flood Control America is the leading supplier of removable flood walls in the United States.

Since 1997, FCA has placed over two hundred installations from coast to coast and border to border.

Our Invisible Flood Control Wall™ is manufactured entirely in the United States, supporting American industry and American workers.

American-made.

Protecting and preserving the United States since 1997.



FCA
FLOOD CONTROL AMERICA
www.floodcontrolam.com



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SYSTEM

The Invisible Flood Control Wall (IFCW™) is a removable floodwall that is erected only when flooding is imminent. The system is composed of gasketed aluminum planks and steel posts, which are quickly mountable and watertight. The days of choosing between flood protection or unobstructed river views and access are over.

1 The basis for the system is galvanized steel plates that are poured into a reinforced concrete foundation. The plates are poured flush and headless “storage” bolts are used when the wall is demounted to ensure that nothing protrudes and the system remains “invisible.”

2 To erect the wall, steel parting supports are secured to the embedded plates using anchor bolts.

3 Our extruded aluminum planks simply slide between the parting supports to create a wall. The planks are fit with gaskets on the “dry” side so that during a flood event they can fill with water to add to the strength and integrity of the system. The planks also interlock to protect against impact loads.

4 Intermediate support posts sit behind the wall to bear middle loads in plank sections. Higher walls may require angle braces to support additional loads.

5 Compression channels and hold-down clamps seal the system against all vertical and horizontal gaskets, creating a watertight system.

6 The IFCW is efficiently stored in bundled stacks. Aluminum plank bundles contain 40 planks, measure 3.5' x 2.5', and contain enough wall to protect 80 lineal feet at 7' high.

Multiple bundles are easily stacked with dunnage for easy picking. Steel posts and struts can be ordered with racks for convenient storage of the entire system.

All components of the Invisible Flood Control Wall are sourced and manufactured in the United States, including the rubber gaskets, aluminum, and steel features.

STORAGE

“Sandbagging is labor intensive. Then when the emergency passes, nobody is left to dispose of the sandbags. With the IFCW panels, you only put up what you need. They’re light, so you only need a few people. We’re really happy with it...we could maintain the view of the river that way.”

- Ron Arends, City Engineer
Cedar Falls, Iowa

“It worked like a charm.”

- Mark Bittner, City Engineer
Fargo, North Dakota

“We had to be able to see the river and protect ourselves from it to keep our history the way it should be. The Invisible Flood Control Wall was the solution... We would have a 12-foot concrete wall there right now if it weren’t for the IFCW. Many people comment on how attractive the approach to the riverfront is. They don’t feel like they’re driving into a flood control project.”

- Gary Sanders, City Engineer
East Grand Forks, Minnesota

