



FLOOD CONTROL PRODUCTS



LAYFIELD
GEOSYNTHETICS

**USE WATER
TO CONTROL
WATER**

1.888.979.1230 | AquaDamFloodControl.com

RESIDENTIAL

For years, traditional sandbag solutions have been the go-to method for flood protection; however, these solutions are far from perfect. Filling and stacking bags require an extensive amount of time and manpower, and ultimately lacks overall effectiveness. If you've ever faced a flooding event, you may be familiar with the fact that the sandbags are not effective in keeping flood waters out. This is especially apparent when the sandbags have been exposed to water for extended periods of time.

The effectiveness of flood prevention comes down to the materials and the methods used to keep flood waters out. Wet sand becomes mud, and sandbags require further reinforcement as they lose integrity over time. Lots of small bags also means lots of small potential failure points. Additionally, following the flooding event, the sandbags themselves require more cleanup efforts.



INDUSTRIAL

Effective water containment and flow control means:

Managing flood water

AquaDam® diverts flood water away from critical structures, equipment and infrastructure.

Mitigating costly downtime

AquaDam® eliminates downtime from cleanup and repairs after flooding.

Quick and reusable materials

Less manpower is required to deploy and remove AquaDam® - making it far more user friendly. They install 10 times faster than sandbags and can be stored for reuse.

Conforming to obstacles

AquaDam® easily conforms to ground irregularities and obstacles during deployment.



MUNICIPAL

Ensure security, flexibility, and access with:

Rapid response time

AquaDam® allows emergency response officials to rapidly protect large areas with minimum effort. AquaDams are easy to store and are reusable.

Less labor

AquaDam® is at least 10 times faster to install than a sandbag dike. It typically takes 5 people 4 hours to build a 100 ft long sandbag dike. A similar sized AquaDam® can be installed by 2 people in 20 minutes.

Flood emergency response

Critical access points are kept open and clear in case of flooding by opening up roads for traffic and emergency help.

Better value

The cost of AquaDam® is only about 25% of the cost of building a similar sandbag dike (assuming you pay people to build the dike). This cost does not include the time needed to fill sandbags - which is often an extra cost.



HOW IT WORKS



CHOOSE YOUR STARTING POINT

The AquaDam® will arrive on-site rolled up like a carpet. Place the roll at the highest point along the chosen path. Unwrap the roll, confirm orientation and unroll the unit along the chosen path.



FILL THE AQUADAM®

Connect the hoses from your pump to the provided camlock fittings. Add water into both inner tubes at the same time. Once filled, tie rope tightly around the fill tubes to restrict them to a manageable size.



CONNECT THE AQUADAM®

Each standard AquaDam® comes with a coupling collar to join multiple lengths together. The additional AquaDams are designed to fit snugly into the coupling collar.

The AquaDam® product can be a highly effective device for flood fighting with proper care, design, and installation. A complete planning and installation manual is available from your local Layfield representative. Please call for more details.



 **AQUA™**
DAM

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HIGHLY EFFECTIVE TEMPORARY FLOOD PREVENTION



**COST EFFECTIVE COMPARED TO
SANDBAGS AND OTHER SYSTEMS**



FILLED WITH AVAILABLE FLOOD WATERS



ROLL-RESISTANT



**FLEXIBLE BARRIERS THAT CAN BE
JOINED FOR ANY LENGTH**



CAN BE DEPLOYED WITH MINIMUM MANPOWER



**WATER PROOFING MEMBRANE IS
NSF 61 CERTIFIED FOR DRINKING WATER**



CAN BE CLEANED AND REUSED WITH PROPER HANDLING

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