

Waterwalls - Flood Control System



What is a Sava Waterwall? Sava Waterwalls are special bags made of rubberized fabric that can be filled with water (instead of sand bags) to create a barrier to flood waters or to divert, capture, hold back large volumes of water up to 28" depth. The textile inlay is made of high-strength PES fabric that is rubber-coated on both sides. The EPDM based rubber has long-term weather resistance, as well as ozone and UV resistance. It also exhibits excellent abrasion resistance.

PRODUCTIVITY Using sand bags, it takes about 760 man-hours to build a 300 feet long wall, while on the other hand only 14 man-hours are needed to build a 300 feet long wall with our WATERWALLS. Approximately 300 tons of sand and 7000 sand bags (about 90 pounds of sand per bag) would be required as compared to only 20 of our WATERWALLS.

ENVIRONMENT No special preparation is required with our WATERWALLS. They eliminate the problem of wet sand, gravel or soil disposal. There is no negative impact on the area where the WATERWALLS have been used.

LOGISTICS ADVANTAGE Our WATERWALLS are easy to handle. It takes only two people to install a WATERWALL. They are easily stored and are reusable. They can be filled with river water using the pump from a fire truck. Typical fill time per bag is approximately 15 minutes.



Sava Waterwalls are manufactured in two basic types:



Type A:
 Length: 16'
 Width: 7'
 Protective Height: 2.63'
 Capacity: 1796 Gal.
 Empty Weight: 154 lbs

Type A is designed mainly for increasing the height of river banks, damming streets, etc.



Type B:
 Length in feet: 16'
 Width in feet: 5.6'
 Protective Height: 2.63'
 Capacity: 1735 Gal.
 Empty Weight: 165 lbs

Type B is designed for protection of entrances, doors and ground level windows in buildings.

One standard segment can replace approximately 300 sand bags. Both Type A and Type B are also available in lengths of 6.5 feet, 9.8 feet, 13 feet and larger. Custom lengths are available on request. Sava Waterwalls can also be used as emergency containers or as storage tanks for service water. They are suitable for capturing hazardous liquids in case of spills and can be transported on a flat bed vehicle by using tie down belts.

ITEM #	TYPE	DESCRIPTION	LENGTH (SAE)
610034	A2	Waterwalls instant levee	6.5'
610033	A3	Waterwalls instant levee	9.8'
610032	A4	Waterwalls instant levee	13'
610031	A5	Waterwalls instant levee	16'
610030	A10	Waterwalls instant levee	32'
610029	A15	Waterwalls instant levee	49'
610028	A20	Waterwalls instant levee	65'
610076	B2	Waterwalls instant flood barrier	6.5
610077	B3	Waterwalls instant flood barrier	9.8
610078	B4	Waterwalls instant flood barrier	13'
610079	B5	Waterwalls instant flood barrier	16'

Solutions of acids up to 30%	Medium stability	Weeks, months
Weak alkali solutions up to 30%	Good stability	Weeks, months
Alcohol	Good stability	Weeks, months
Acetones	Good stability	Weeks, months
Liquids containing chlorine	Low stability	Weeks, 1 month
Oils and hydrocarbon products	Not suitable	Hours, 1 day