

Multiple Challenges...

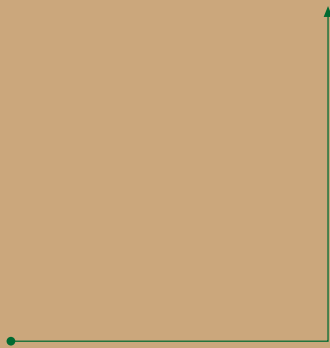
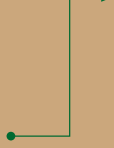
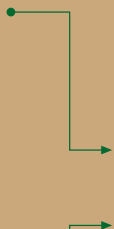
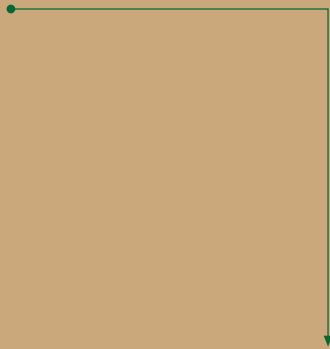
...One Versatile Solution

Force Protection

Expedient Roadway Construction

Homeland Security

Emergency Flood-Fighting Operations



RDFW – One Versatile Solution

Today's military is a versatile force tasked with multiple missions, both abroad and at home. The modern warrior requires tools that have the flexibility to tackle a wide range of challenges, in and out of combat. To fill these needs, Geocell Systems has developed the Rapid Deployment Fortification Wall (RDFW), a dramatically faster alternative to sandbags.

Force Protection



In a world without clearly defined front lines, today's warriors need maximum protection wherever they may find themselves. With the fast pace of modern operations, the ability to rapidly construct a variety of protective structures is crucial.

To speed the construction of earthen fortifications, Geocell Systems has developed the Rapid Deployment Fortification Wall. As a direct replacement for sandbags, RDFW allows your forces to construct expedient fortifications in a fraction of the time required using sandbags.

RDFW is ideal for rapid construction of:

- Aircraft and helicopter revetments
- Vehicular barriers
- Artillery emplacement shelters
- Bunker wall construction
- Standoff blast and ballistic protection
- Hardening of command posts
- Forward re-arming point (FARP) protection

Expedient Roadway Construction



In modern military operations, it is often road infrastructure that limits the rate of debarkation, advance, and logistical supply. Exit lanes from beachheads and bridgeheads are bottlenecks limited by the quality of the roads that pass over them; weather can turn passible dirt roads into impassible muck; and sand is no friend to heavily loaded wheeled vehicles.

Since the Gulf War, sand grid confinement technology has been a proven method for building expedient roadways over a variety of soils. Sand-grid roads can be rapidly emplaced to support thousands of passes by vehicles in excess of 25 tons.

Geocell's RDFW is based directly upon technology licensed from the U.S. Army Corps of Engineers' sand-grid confinement systems, making RDFW an excellent tool not only for walls, but also for expedient roadway construction.

Homeland Security



In homeland security planning, the U.S. military plays a major role as an emergency response force. The tools and capabilities organic to many military units make them well-suited to the emergency response mission.

With RDFW, those emergency response capabilities can be greatly enhanced. RDFW is an excellent tool for responding to a number of terrorist threats, including attacks on nuclear facilities, industrial facilities, high-value infrastructure and leadership targets, and radiological/bio-weapon attacks.

RDFW is an ideal product for:

- Impounding radioactive water resulting from firefighting activities at nuclear facilities
- Impounding toxic liquids released as the result of an attack on a major chemical or petroleum facility
- Containing the waterborne spread of radiological/biological agents
- Providing rapid protection of high-value assets against vehicular bombs

Emergency Flood Fighting

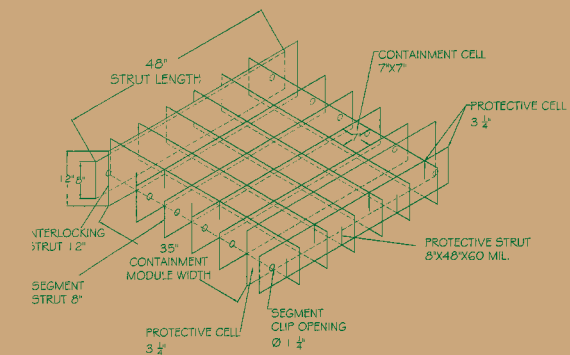


Though not a traditional military mission, during nationally declared flood emergencies the Armed Services are often called upon to provide whatever tools and manpower are available to assist local populations.

As a flood-fighting tool, RDFW is revolutionary. Because RDFW can be filled by loaders, dozers, and other heavy machinery, RDFW walls can be constructed 20 times faster, using only one fifth the labor of hand-filled sandbag walls. That's a 99% reduction in labor required to build a flood wall.

RDFW has been tested by the U.S. Army Corps of Engineers' Engineer Research and Development Center (ERDC) to hold 40 inches of static water and has been exposed to wave action equal to that which would be experienced during a severe storm.

The Rapid Deployment Fortification Wall





With RDFW, a crew of six laborers and one loader operator can build a wall 100 feet long, four feet wide and four feet high in one hour. An equivalent sandbag wall requires 35 laborers over 19 hours to construct.

Rapid Deployment = Greater Protection

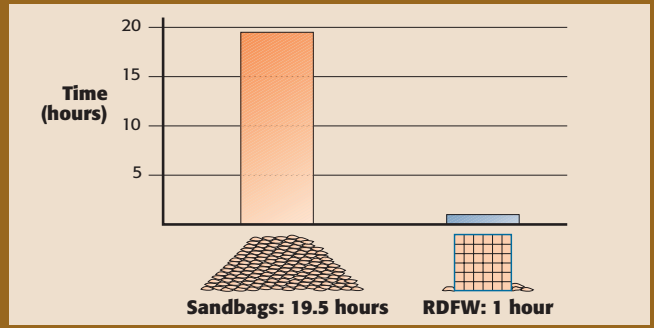
Whether you're stopping bullets or stopping floods, rapid deployment means greater protection.

With RDFW, a crew of 6 laborers and one equipment operator can build a wall 100 feet long, four feet wide, and four feet high in one hour. An equivalent sandbag wall requires 35 laborers over 19 hours to construct.

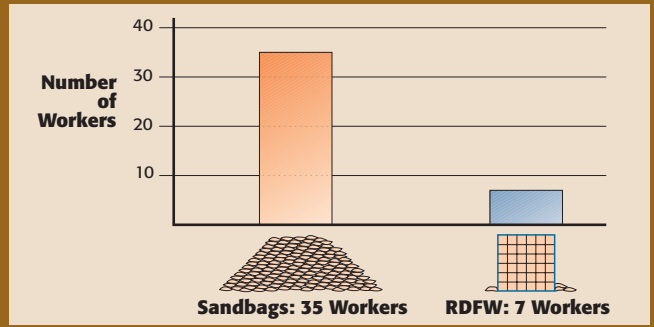
RDFW provides you a means to leverage your earthmoving machinery to quickly create walls, rather than relying on the incredibly slow method of hand-filling individual sandbags. With RDFW, you are protected much sooner than you could possibly be with sandbags.



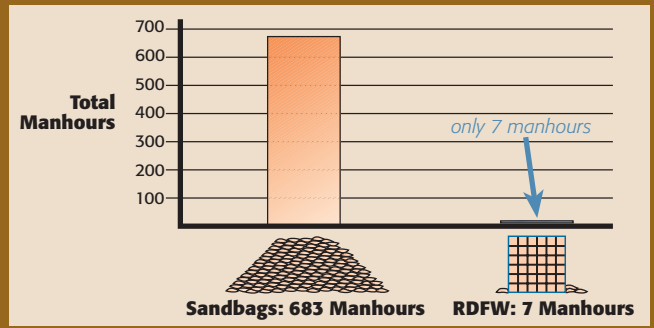
RDFW vs. Sandbag Comparison: 100-foot wall, 4 feet high



RDFW vs. Sandbag Comparison: 100-foot wall, 4 feet high



RDFW vs. Sandbag Comparison: 100-foot wall, 4 feet high



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