

Military and Disaster Relief

Ballistic-Resistant Frag Wall

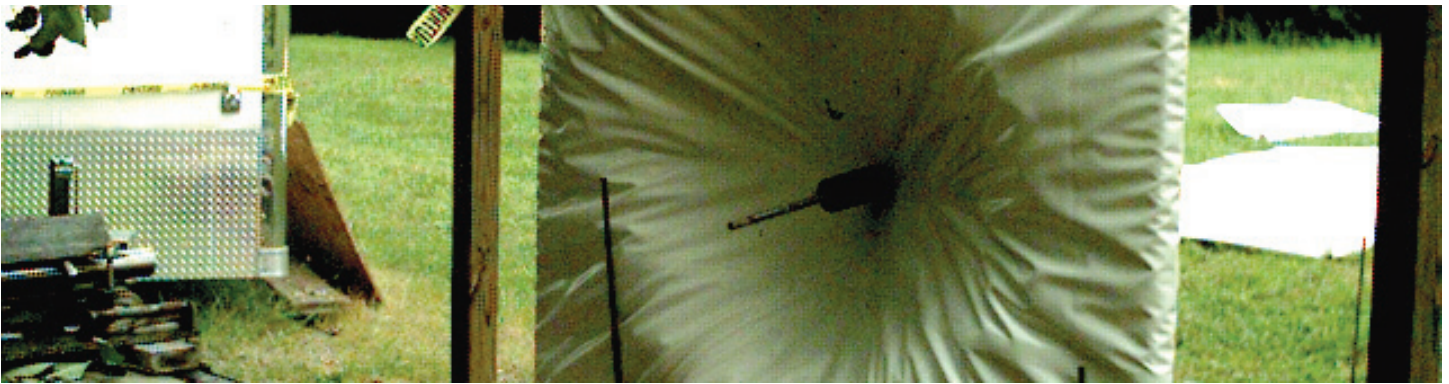


Reinforce perimeter security

Enhance the protection of your inflatable shelter with a geo textile, ballistic-resistant frag wall.

This rapid deployment, shelter defense system is built to withstand hundreds of ballistic impacts; the fill material remains intact.

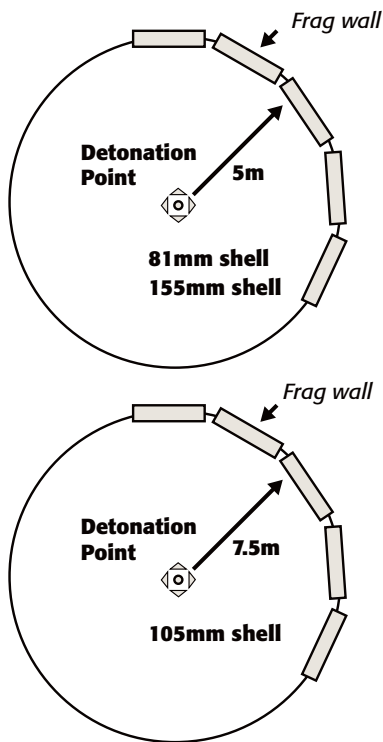
- Can be built to a height of nine feet
- Available in 8", 10" and 12" thicknesses
- Uses locally available fill material
- No heavy equipment required
- Can be deployed independently from shelter




Ballistic testing with non-detonating projectile.

Threats evaluated against frag wall

- Statistically significant number of frag hits to front face in all tests
- No penetrations through frag wall and fill material, including weakest configuration (8" wall, local soil fill)
- Further developments in place to expand threat mitigation



			
	81 mm Mortar	105mm Artillery	155mm Artillery
Total Mass (kg)	4.3	15	44
HE Content (kg)	0.95	2.3	7.0
Frag Mass (gm)	1.9	13	64
Frag Velocity (m/s)	1930	1240	1030
Min. Concrete Wall* (cm)	7.5	10	16
Min. Steel Wall* (cm)	1.7	2.1	2.9

* considering fragment effects only without blast



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