



EXPEDITIONARY FORCE PROTECTION FROM DEFENCELL

The DEFENCELL T2 is two cells wide and provides a minimum 1.10m of protection when filled. The T2 is a module of the DEFENCELL Force Protection System and is compact and easily carried, an unfilled unit weighing under 7kg. When filled, a single T2 makes a wall section 4.9 m long, 0.6 m high and 1.35 m wide, equivalent to about 300 sandbags.

Units can be filled with anything from earth and sand through to small rocks. This makes it particularly suitable for mountainous or dry arid areas. Individual units can be stacked on top of each other to make higher walls, placed alongside each other to provide greater protection levels and stacked on larger T3 and T4 units for higher structures.

The T2 is ideal for building walls and fighting positions, protection for fuel and water storage, small bunkers and guard posts as well as providing ballistic protection to buildings. It can be dropped from height with no likelihood of damage making it ideal for remote locations.

Independently tested, a single width T2 will protect against small arms up to 20mm cannon, including 0.5" and 14.5 mm calibre, as well as a direct hit from small and medium mortars or a near-miss from larger mortars and rockets. Its all textile construction means no secondary fragmentation from metal or plastic components.

T2 can be filled by hand, with shovels or with any form of mechanical equipment. Unlike sandbags, T2 needs no tamping or specific building technique: simply fill it and compact by treading. A filling frame is provided to ensure accurate, quick building.



System Characteristics

- Lightweight and compact
- Fast and easy to fill
- Minimum 2-year field life
- Fill with sand, gravel and small rocks
- Fill manually or with plant
- Fully tested against small arms up to 20mm and 14.5mm
- Protect against mortars, rockets and other fragmentation weapons
- All textile - no secondary fragmentation
- Environmentally friendly
- Easy disposal

Uses

- Build walls and fighting positions
- Bunkers & Guard Posts
- Fuel & Water store protection
- Protect critical equipment
- Road barrier/Chicanes

Specifications

NATO Stock Number: 5680-99-937-6299

Model	Height	Width (Footprint)	Width (Protective)	Length	Weight
T2	20" (plus 4" skirt)	54"	43"	194"	16.5 lbs
	0.50m (plus 0.10m skirt)	1.35 m	1.10 m	4.90 m	7.50 kgs

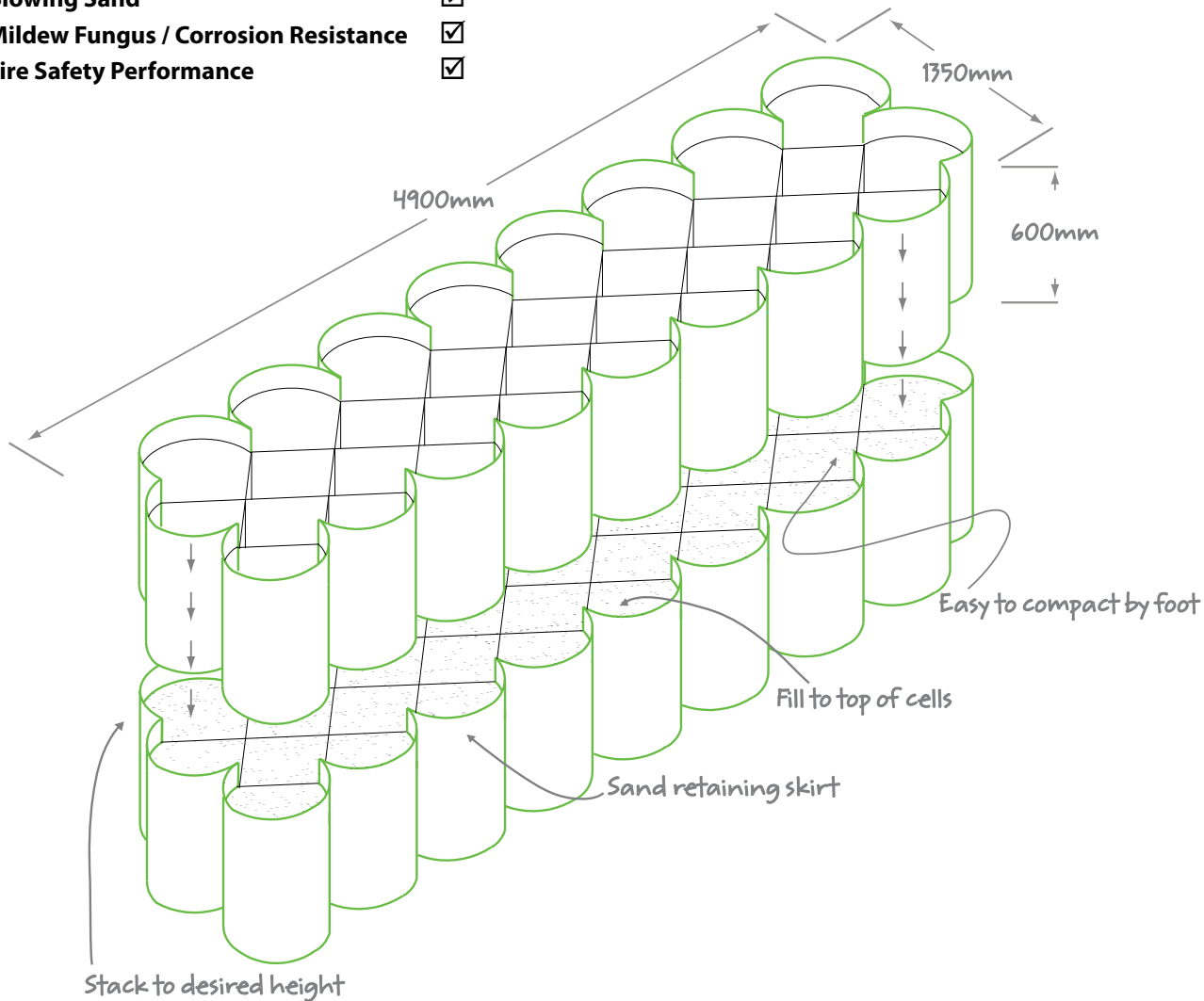
DEFENCELL has been extensively tested:

Environmental

- High Temperatures/ Low Temperatures
- Humidity/Contamination by Fluids
- Direct Sunlight/ UV Degradation
- Blowing Sand
- Mildew Fungus / Corrosion Resistance
- Fire Safety Performance

Protection

- Ballistic testing
- Blast Mitigation
- Vehicle Barrier (K12 & PAS68) (T3 & T4)



Transportability – Packing & Coverage

	1 section	1 pallet	20' ISO
Quantity of T2	1	24	480
Weight	7.5 kgs	220 kgs	4,400 kgs
Filled Volume	3.30 m ³	79 m ³	1,589 m ³
0.60m high wall (1 layer)	4.90 m long	117 m long	2,352 m long
1.10m high wall (2 layers)		60 m	1,176 m
1.60m high wall (3 layers)		39 m	784 m
2.10m high wall (4 layer)		29 m	588 m
Sandbag Equivalent	300	7,200	144,000