

HIGH QUALITY CONTAINMENT STRUCTURE FOR DEFENCE AND SECURITY

EBS MAC is a multicellular structure specifically developed to provide force protection against a range of ordnance, explosive and vehicle attacks. The system is based on our original wire mesh defensive barriers for troop protection, used for the first time in WW1; and now, brought up to date to meet today's demands.

Available in a variety of sizes, **EBS MAC** can be quickly deployed and filled in place to obtain a defensive modular barrier. The units can be stacked to form higher structures as needed to protect bases, camps, depots, vehicles or critical infrastructure. Units are also used in civilian environments to protect major buildings, airports or other facilities at risk of attack.

EBS MAC is an expeditionary barrier system (EBS, compliant with MIL-DTL-32488) made of welded wire mesh and delivered flat packed for ease of deployment. The mesh is lined with a non-woven geotextile to confine the filling material inside each cell. The lining is overlapped and attached to the top edge of the unit, while the lower part of the fabric is left loose in order to form a fill retention seal.

The geotextile is specially designed to provide extended UV resistance compared to the standard non-woven geotextiles.

EBS MAC units can be longitudinally joined using connecting pins to achieve the required length of the structure. Furthermore, the units can be stacked to form taller and wider structures as needed to protect bases, camps, depots, vehicles or other infrastructure.

EBS MAC is particularly suited to provide ballistic protection, blast mitigation and protection against hostile vehicle intrusions.

Advantages of **EBS MAC**:

- M** Easy to transport and handle
- M** Quick and simple to deploy
- M** Suitable to be filled with material available on site

EBS MAC has been tested against a wide range of ballistic threats and different explosive charges, and meets the protection standards of **STANAG 2280**.



Perimeter of a shooting range with EBS MAC



Protection of a sensitive site with EBS MAC

EBS MAC is available in the following sizes:

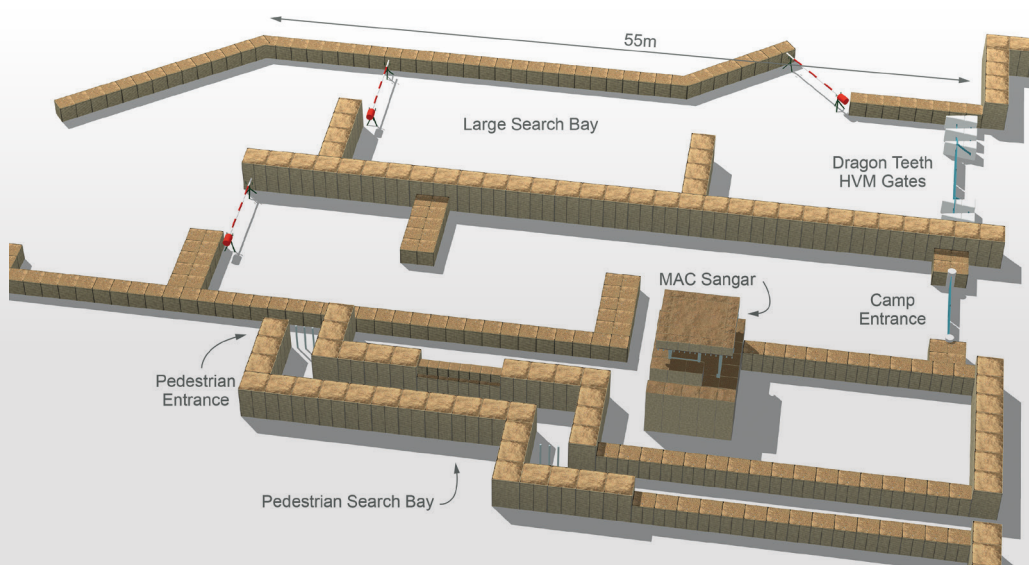
Model	Height (m)	Width (m)	Length (m)	NSN Colour Tan or Green
MAC 1	1.37	1.06	10.00	5450-01-618-0992 5450-01-618-1018
MAC 2	0.61	0.61	1.22	5450-01-618-1038 5450-01-618-1041
MAC 3	1.00	1.00	10.00	5450-01-618-1046 5450-01-618-1054
MAC 4	1.00	1.50	10.00	5450-01-618-1064 5450-01-618-1069
MAC 5	0.61	0.61	3.05	5450-01-618-1074 5450-01-618-1101
MAC 6	1.68	0.61	3.05	
MAC 7	2.21	2.13	27.74	5450-01-618-1105 5450-01-618-1117
MAC 8	1.37	1.22	10.00	5450-01-618-1129 5450-01-617-7651
MAC 9	1.00	0.76	9.14	5450-01-618-1134 5450-01-618-1137
MAC 10	2.21	1.52	30.50	5450-01-618-1141 5450-01-618-1143
MAC 11	1.22	0.30	1.22	
MAC 12	2.13	1.06	33.00	
MAC 19	2.74	1.06	3.18	



Construction of barrier for military protection



Perimeter security with EBS MAC



Entry Control Point with EBS MAC

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