

TIGRIS-Defensive Barrier

TIGRIS Defensive barrier, also named as Defensive bastion, defense wall, sand cage, welded gabion box, etc. It is a prefabricated, multi-cellular system, made of zinc coated steel welded mesh and lined with non-woven geotextile. Units can be extended and joined using the provided joining pins. It is easy installed with using minimal manpower and commonly available equipment. After extended, it is filled into sand, stone, then defensive barrier like a defence wall or bunker, it is widely used for military fortification and flood control.

Technical Specification for Barrier panel	
Steel wire	0.1% carbon Max steel
Wire thickness	3.5mm-5.0mm
Wire tensile	500-800Mpa
Welding tensile	50-100% of wire tensile strength
Mesh size	76.2x76.2mm,
Surface treatment	Zinc coating or ZinoAlu coating 40-600g/sqm

Technical Specification for Geotextile Fabric	
Color	Beige sand, Olive green, Grey
Mass (g/sqm)	250,300,350
Tensile strength	16kN
Tear Strength	0.42kN
CBR Puncture	3.1kN
UV strength retention ASTM D4355	50% at 500hours (5 years use life in common environment)
	70% at 500hours (10 years use life in common environment)



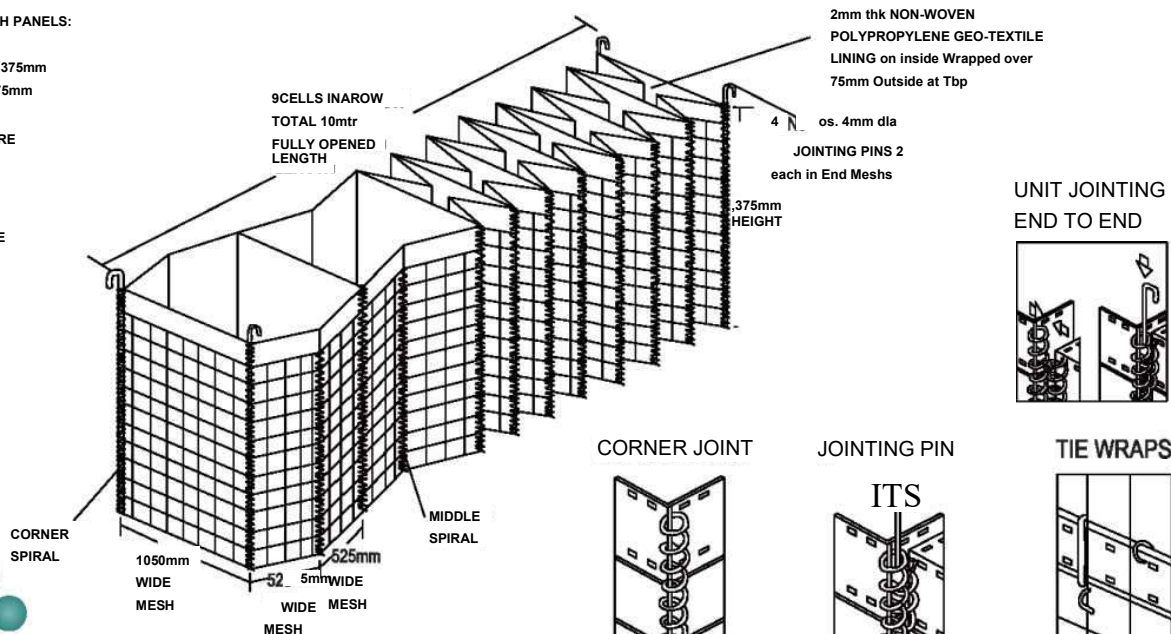
SCHEMATIC VIEW OF TRGIS -1-DEFENCE BARRIER

WELDED WIRE MESH PANELS:

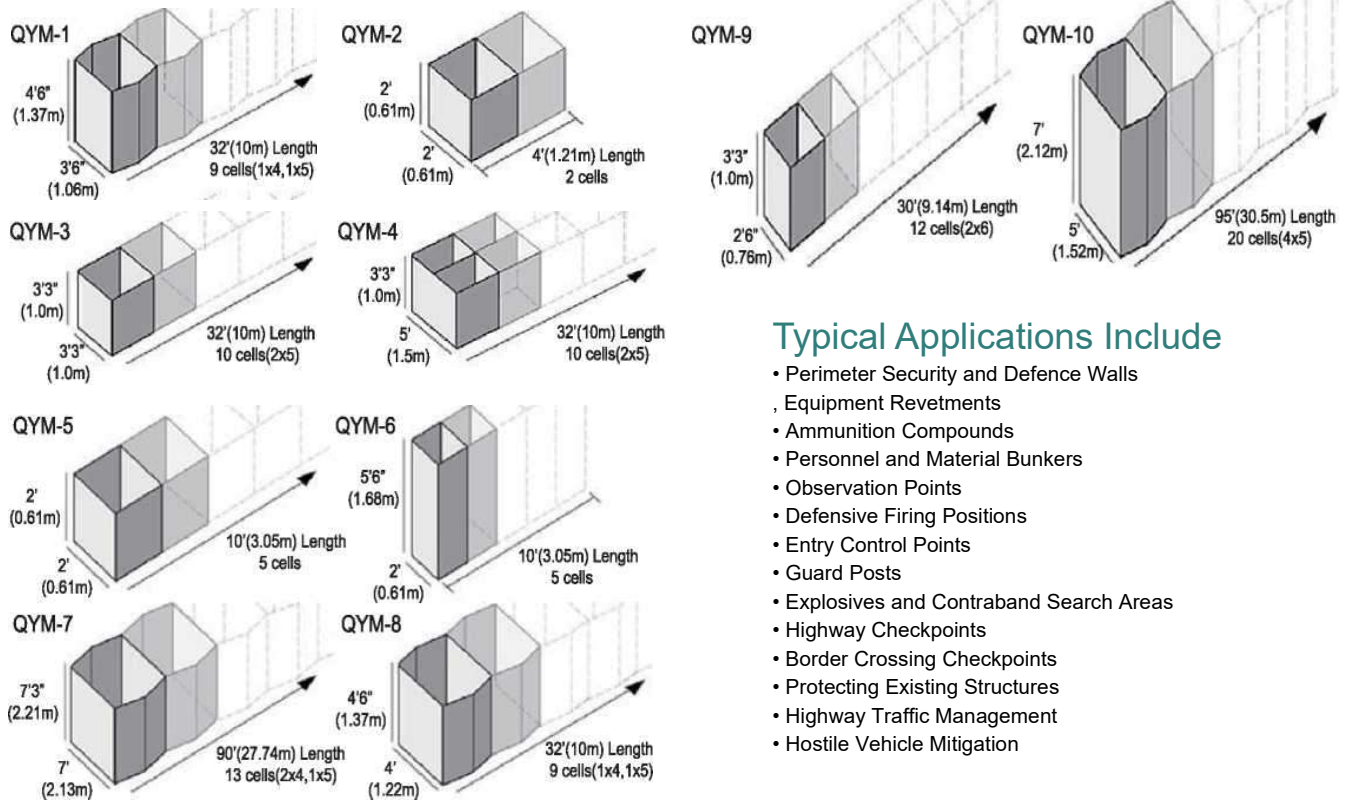
SIZE: 75x75x4x4mm
10 Nos. 1050mm x 1375mm
36 Nos. 525mm x 1375mm

CORNER SPIRALS
20 Nos. 4mm dia WIRE
x32mmCO

MID SPIRALS
18 Nos. 3mm dia WIRE
x25mmCO

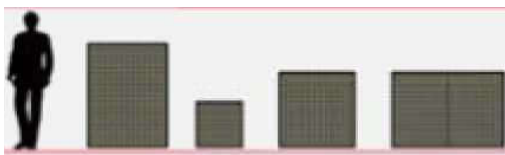


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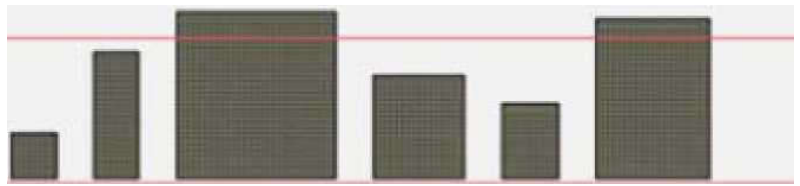


Typical Applications Include

- Perimeter Security and Defence Walls
- Equipment Revetments
- Ammunition Compounds
- Personnel and Material Bunkers
- Observation Points
- Defensive Firing Positions
- Entry Control Points
- Guard Posts
- Explosives and Contraband Search Areas
- Highway Checkpoints
- Border Crossing Checkpoints
- Protecting Existing Structures
- Highway Traffic Management
- Hostile Vehicle Mitigation



QYM-1 QYM-2 QYM-3 QYM-4 QYM-5 QYM-6 QYM-7



TG-8 QYM-9 QYM-10

