

GROUND IMPROVEMENT MAT



Designed to accommodate heavy load traffic on low bearing capabilities terrains, the Ground Improvement Mat is a heavy duty and Commercial-Off-The-Shelf (COTS) roll out mat system for supporting off road mobility requirements during expeditionary missions.

Excellent load bearing capability

Reinforced with composite strengthening rods, the mat spreads the weight of vehicles and increase the load bearing capability of the ground while reducing rutting.

Patented non-skid surface

Mobi-Mat® GRIMAT provides traction under all environmental conditions for ground support vehicles. Even submerged, the patented corrugated surfacing retains its surface's high-traction capability.

Rugged dependability

GRIMAT permits high vehicular wheeled traffic and enhances velocity of expeditionary units.

Rapid deployment and recovery

Can be achieved with Deschamps' Automatic Deployment Systems. Manual positioning or reconfiguration can also be achieved with laying and recovery straps included in the kit.

Versatility

Units may use Mobi-Mat® GRIMAT for river fording, to by-pass a blown out bridge or to afford speed of vehicle movement during military operations. You can deploy your mat with Dispenser systems, which will drive and unroll the mat simultaneously.

Recommendation

In several situations, units may use a subsurface geotextile under the rolls to prevent the mud from sipping through the mat.



Technical Characteristics

Kit P/N	154066	154073	154089	154090
Number of rolls / Kit	1	1	1	1
Total surface	107.2 m ² 1154.4 sqft	107.2 m ² 1154.4 sqft	53.84 m ² 579.6 sqft	53.84 m ² 579.6 sqft
Kit weight	983 kg 2167 lbs	793 kg 1748 lbs	1055 kg 2325 lbs	863 kg 1902 lbs
	Designation	Designation	Designation	Designation
	GRIMAT	GRIMAT	GRIMAT	GRIMAT
Dimensions	4.20 m x 25 m 13.8' x 83'	4.20 m x 25 m 13.8' x 83'	4.20 m x 12.25 m 13.8' x 42'	4.20 m x 12.25 m 13.8' x 42'
Mobi-Mat® Type	MM3 V25	MM3 C25	MM3 V25	MM3 C25
Color	White	White	White	White
Roll weight	869 kg 1916 lbs	659 kg 1453 lbs	440 kg 970 lbs	336 kg 741 lbs
Roll diameter	1 m - 3.3'	1 m - 3.3'	0.75 m - 2.47'	0.9 m - 3'

FINISHING OF THE ROLLS :

Stainless steel EYELETS per roll diam. 3.5 cm - 1.38"	8	8	8	8
End Bar 35 cm - 13.8" long	2	2	2	2
Separating non-woven undermat	1	1	1	1
Pair of lifting straps	1	1	1	1
Straps with pawl	2	2	2	2
I-shaped connections	8	8	8	8

+ Set up accessories kit



Helipad



Beach Access Mat



Tentfloor



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