



Grass Reinforcement Mesh Ground Protection



Grass Reinforcement Mesh Overview



Grassmats Grass Reinforcement has been specially designed to be laid directly on to existing grass. It allows the grass to be used for purposes that normally would not be considered because of very likely unacceptable levels of damage.

The mesh has been constructed in such a way, from specially selected plastics and structure, to allow full entanglement with the existing grass realizing a much stronger non-slip wearing surface. Within the working parameters of the mesh, this allows the grassed surface to be resistant to damage and rutting on a permanent basis.

The mesh also greatly reduces the over compaction of the soil so allowing the grass roots to survive receiving air and water.

The mesh can also be applied to freshly prepared and seeded areas, but time must be given for the grass structure to become strong enough. This is normally a growing season.

The mesh can be used for many applications. These include: -

- Overflow or Extra Car Parking
- Grass Access Routes
- Event Car Parking
- Verge Parking
- Off Drive Parking
- Heavy use Pedestrian Walkways
- Equestrian uses –
 - Paddock Gateways,
 - Walkways,
 - Feeding Rings
- Golf Buggy Routes
- Caravan Parking

Grass Reinforcement comes in three grades- light 10mm thick, medium 13mm thick and heavy 14.5mm thick. Which one is most suitable is depending on the application, the amount of use, area and site location. Please feel free to contact the Grassmats technical team for guidance.

Data Sheet

Mechanical Properties	Test Method	Unit	Lite			Medium			Heavy		
Polymer			100% recycled high density polyethylene								
Structure			Oscillated mesh								
Tensile Strength	EN ISO 10319	kN/m	8			11			14		
Tensile Elongation	EN ISO 10319	%	15			22			35		
Residual thickness @500kPa	ASTM D1621	%	60			80			80		
Slip Resistance	BS7976: 1-3	PTV	40+			Low slip potential (dry) Moderate slip potential (wet)					
Durability Properties											
Chemical Resistance	Excellent										
UV Resistance	High										
Toxicity	Non Toxic										
Material Dimensions											
Thickness		mm	10			13			14.5		
Roll Width		m	1	2	2	1	2	2	1	2	2
Length		m	10	10	20	10	10	20	10	10	20
Weight		Kg/SQM	0.95			1.6			2.0		
Gross Roll Weight		kg	9.5	19	38	16	32	64	20	40	80