

Grass Reinforcement Mesh

TurfProtecta™

TurfProtecta™ is a black or green, lightweight polyethylene mesh for grass reinforcement where occasional light vehicular or pedestrian use is required for car parking or access routes. Supplied in 6.56' x 98' rolls and in two grades, 'Standard' and 'Heavy' as determined by the application. The mesh is ideal for reinforcing grassed surfaces prone to wear and smearing which can create a muddy surface incapable of being used.

Manufactured from 100% recycled high density polyethylene, the mesh is UV stabilized and simple to install; after cutting the grass short, the mesh is unrolled and pinned to the surface using metal U-Pins or plastic pegs. By allowing plants to grow through the mesh apertures, the blade intertwines with the mesh filaments creating a strong, discreetly reinforced surface, limiting damage and reducing soil compaction. It is advisable to allow the grass to fully establish before the area is used to create a stronger reinforced surface (this may take only a few weeks to a few months depending on the grass growing season). The grass can however be mowed, rolled and fertilized as usual during this period. TurfProtecta™ can be installed onto existing grassed surfaces or newly landscaped areas, for both permanent or temporary applications.

It is strongly recommended that installation be carried out during the growing season to allow a strong interlock between the mesh and the grass roots.



Ideal for:

- Overflow grass car parking lots
- Pedestrianized grassed areas
- Footpaths and wheelchair access routes
- Front lawn parking



TurfProtecta™ can also be laid on top of a level, well drained, seeded soil, pinned and then covered with a layer of topsoil and seed.

Within a few weeks the grass will grow through the mesh, creating a natural reinforced grassed surface.



TurfProtecta™ can be installed as a permanent or temporary reinforcement surface for car parking at large outdoor events. It is possible to uninstall the mesh and re-use it if a temporary surface is required.



Newly landscaped installation... Green TurfProtecta™ laid and covered with a layer of topsoil and seed.



After just a few weeks... the grass grows through the mesh offering a strong stabilized surface.



After a few months of the growing season, the grass roots have intertwined with the mesh filaments creating a strong stable surface capable of withstanding heavy pedestrian and occasional vehicular use. The grass can be cut as normal and has regained its natural appearance.

Technical Information



Please contact our technical sales team for further technical literature or advice:

- Specification & Installation guide
- Product data sheets
- Case studies
- Installation locations

Fixing Pins & Pegs



Steel U-pins or plastic pegs to secure TurfProtecta™ to the ground. Yellow marker pegs are available if required.

PRODUCT	U-PINS	BLACK PEGS
MATERIAL	STEEL	PLASTIC
SIZE (ins)	6.7 x 2.75 x 0.23 dia	6 long
OUTER	50 pack	100 pack
PART No.	041824	060351

Available to download online at www.grass-reinforcement.us

SIZE	GRADE	COLOUR	MESH APERTURE	WEIGHT	MATERIAL	PART No.
6.56' x 98.42'	Standard	Black	0.98" x 1.14"	0.1lbs/ft ²	HDPE 100% Recycled	009862
6.56' x 98.42'	Standard	Green	0.98" x 1.14"	0.1lbs/ft ²	HDPE 100% Recycled	049202
6.56' x 98.42'	Heavy	Black	0.86" x 1.06"	0.135lbs/ft ²	HDPE 100% Recycled	048175
6.56' x 98.42'	Heavy	Green	0.86" x 1.06"	0.135lbs/ft ²	HDPE 100% Recycled	049967

MD - Machine Direction TD - Transverse Direction