

CASE STUDY



Client: Enviro Mulch (UK) Ltd (www.enviromulchuk.co.uk)
Location: Foxwood, Lower Raydon, Suffolk.
Contractor: Brett Valley Maintenance Service Ltd
Product: TurfProtecta[™] Premium 660g/m² 2m x 30m Green
Application: Grass Driveway and slope reinforcement

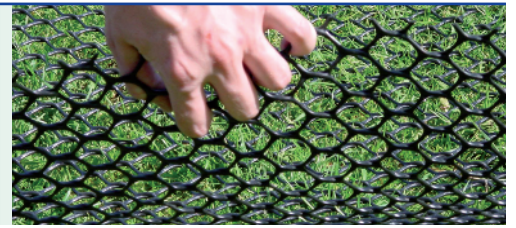


The Problem: As part of a major landscaping project, the access route/driveway and the adjacent banks were required to be reinforced to reduce the wear on the grass and the problems associated with rutting to the surface.

The Solution: TurfProtecta[™] turf reinforcement was specified to give the grassed surface reinforcement, so it could be used by occasional vehicles, and regular pedestrian use. TurfProtecta[™] was laid directly onto a consolidated bed of seeded top soil. A further 20mm (approx) of seeded topsoil was added to cover the mesh. The area was left for a few months to enable the grass to grow.



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Conclusion: The TurfProtecta™ installed onto a surface that had been sowed ensured the grass would grow from beneath the mesh upwards, and allow the roots to grow down towards the mesh from above. This gave the grass the perfect reinforced root mass, capable of withstanding the loads to be imposed onto it.



Technical product details:

Turfprotecta™

PHYSICAL CHARACTERISTICS:

Structure	Diamond
Polymer	HDPE Green
Colour	Green
U.V. Stabilized	Yes

NOMINAL DIMENSIONS:

Width	2m
Length	30m
Weight per square metre	660g
Roll weight	40.6kg
Weight per liner metre	1340g
Mesh count in 20m	8.25 (+/- 0.25)
Aperture size (MD x TD)	22mm x 27mm

TECHNICAL CHARACTERISTICS:

Measurement	Results	Method
Tensile strength (MD)	6.2kN/m	ISO 10319
Tensile strength (TD)	7.5kN/m	
Elongation @ break (MD)	1120%	
Elongation @ break (TD)	1050%	