

## TURFPROTECTA™ TURF REINFORCEMENT MESH

Client: Tenterden Town Council  
 Location: Tenterden Recreation Ground  
 Contractor: Evergreen Landscape Maintenance  
 Product: TurfProtecta™ Standard 550g/m<sup>2</sup> 2m x 30m Black  
 Application: Recreation ground reinforcement



**The Problem:** The grassed recreation grounds were used weekly by the market. Commercial vehicles and heavy pedestrian use meant that the grass became thin, bare and rutted in wet weather. This produced an undesirable surface to continue the markets.

**The Solution:** Turf reinforcement mesh was used to lay directly onto the existing grassed area. The plastic mesh was pinned using metal U-pins every 1m to hold the mesh down. Each roll of mesh was overlapped to ensure there were no gaps. A covering of top soil was spread over the mesh to fill in any uneven areas and to encourage the grass to grow through the mesh filaments quickly. The area was fenced off for a few weeks, and then mown as normal. Within a few months the mesh had completely disappeared under the surface as the grass roots interlocked with the mesh filaments, ensuring a stable reinforced grassed area clear of rutting.

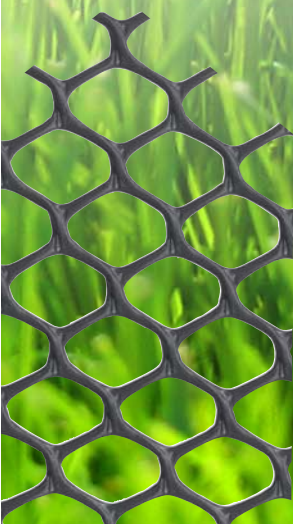


Pinned every 1m



Top soil brushed in

Turfprotecta™



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**Conclusion:** TurfProtecta™ was easy to install onto the existing grass surface and allowed the grass to quickly grow through the mesh apertures. This created a strong interlock with the root mass and ensured the area could be used for the weekly market vehicles and pedestrians without damaging or rutting the grass surface.



**Technical product details:**

**Turfprotecta™**

PHYSICAL CHARACTERISTICS:	
Structure	Diamond
Polymer	HDPE Black
Colour	Black
U.V. Stabilized	Yes

NOMINAL DIMENSIONS:	
Width	2m
Length	30m
Weight per square metre	550g
Roll weight	33kg
Weight per liner metre	1100g
Mesh count in 20m	8.25 (+/- 0.25)
Aperture size (MD x TD)	25mm x 29mm

TECHNICAL CHARACTERISTICS:		
Measurement	Results	Method
Tensile strength (MD)	5.9kN/m	ISO 10319
Tensile strength (TD)	7.1kN/m	
Elongation @ break (MD)	1020%	
Elongation @ break (TD)	980%	

Contact: [Product Manager - Paul Munday](mailto:paul.munday@boddingtons-ltd.com)  
 Telephone: +44 (0) 1621 874200  
[paul.munday@boddingtons-ltd.com](mailto:paul.munday@boddingtons-ltd.com)



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