

GREAT YORKSHIRE SHOWGROUND

UK, YORKSHIRE

PAVEMENTS

Product: ROADMESH

Problem

Historically the turfed areas of the Great Yorkshire showground have suffered rutting and compaction problems when stalls and demonstration areas have been used in wet seasons. The damaged ground struggled to recover and grass cover was patchy.

Solution

To overcome this problem the Yorkshire Agricultural Society used the Green Road system developed by Maccaferri. The system combines geotextile and double twist RoadMesh. This tackles the problem of compacting the surface soil of the turf root zone.

RoadMesh is more commonly used to reinforce flexible asphalt highways, reducing rutting and fatigue cracking.

By growing the special load resistant turf through the load bearing wire mesh and fabric combination, the grass can grow naturally despite vehicle and pedestrian traffic over it at wet times.

Installation of the Green Road System

- 1) Prepare the ground
- 2) Lay the Green Road separation fabric
- 3) Fix the RoadMesh and apply soil to fill the depth of the RoadMesh
- 4) Water
- 5) Lay the Green Road fibre-turf

Big cost savings are made over other green paving systems because of the simpler preparation required.



Before installation showing damaged ground January 2000



During installation Date: March 2000

Client name:

YORKSHIRE AGRICULTURAL SOCIETY

Main contractor name:

INTURF

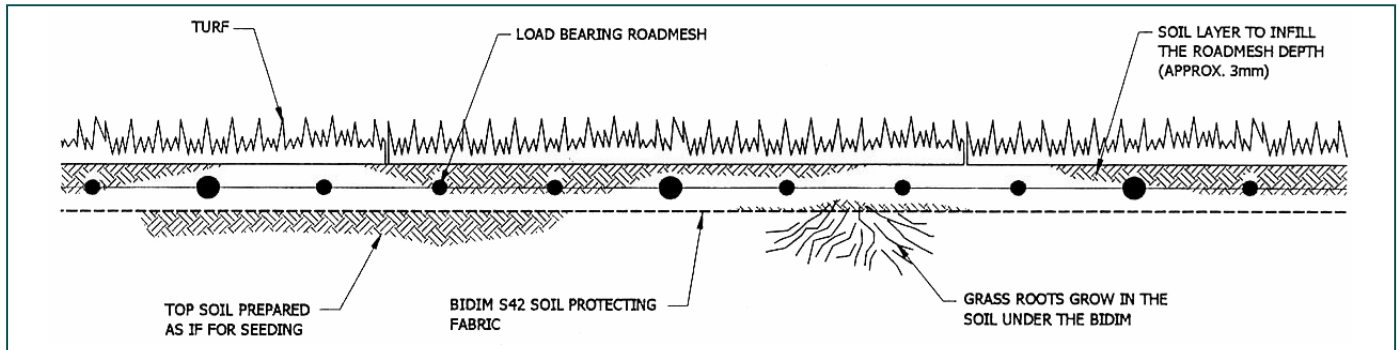
Product used:

ROADMESH

Construction info

Construction date: JANUARY 2000

Completion date: JANUARY 2000



Project section drawing

This is a lower cost system than the 'green paver' option and is less intrusive as there are no excavations or imported sub-grades required. The turf grows and is maintained in the normal way. On wet occasions the fabric layer prevents 'mud-pumping' therefore the turf is clean to walk on. Repeated use of the same area does not necessarily degrade the quality of the turf.

The showground site had a double decker bus parked on the site with no rutting to the grass surface.



One year post construction

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