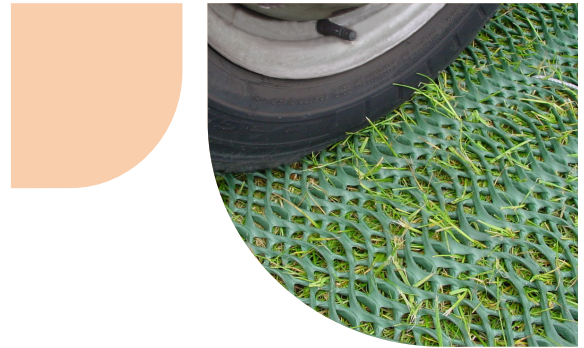


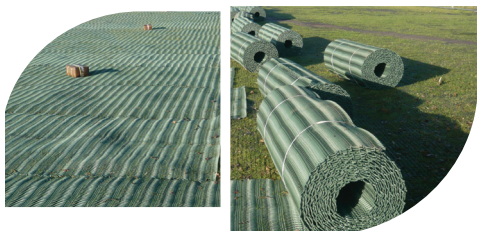
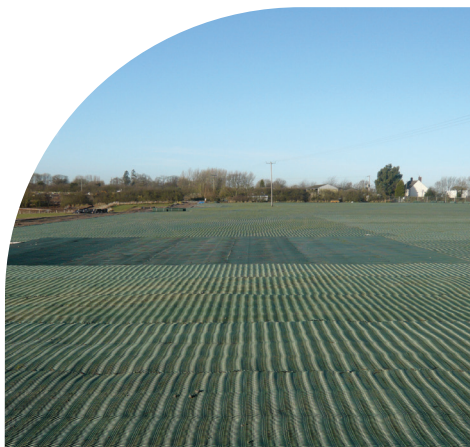
CASE STUDY

Client: Twycross Zoo
Location: Twycross, Atherstone
Product(s): GRASSPROTECTA Heavy mesh
Application: Grass Parking Lot (42,000 m²)



ISSUE

Twycross Zoo has been open since 1963, attracting in excess of 450,000 visitors per year. In order to cater for this number and to increase future visitors, a major refurbishments program began in 2009, with improved visitor facilities and a new visitor center completed in 2010.



SOLUTION

42,000 m² of GRASSPROTECTA mesh was specified to be installed directly onto a new grassed parking lot created in the current location of existing overflow parking areas as well as unused grazing fields. A bespoke application was employed using GRASSPROTECTA Heavy mesh reinforced with a geogrid layer. The mesh structure allowed grass to grow, creating a natural looking parking area capable of withstanding car and light vehicle use without causing wear and rutting.

BENEFITS

GRASSPROTECTA mesh met local environmental regulations requiring that new surfaces enable water to permeate either in the surface/water table and/or be carried at source to the new wetlands zone on site (several large ponds surrounded by a naturalized wetland environment) which were constructed as part of the development. This ensured that none of the surface water had to be directed into off-site drainage systems and create the possibility of flash flooding in the area.