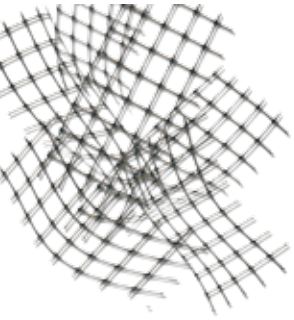


Case Study

Grass reinforced solution for access routes



Client: University of York
Installed by: Shepherd Construction (York, UK)
Location: Goodricke College, York University Campus, York, UK
Product: ADVANCED TURF® - ATS400/B System
Application: Grassed Fire Access & Cherry Picker Access Routes

ISSUE

The new £30m student accommodation campus buildings at York University form an exciting and environmentally considerate design, sympathetically blending with the natural surroundings. The eco-friendly designed buildings are arranged around a series of intimately scaled landscape spaces, connected by pedestrian routes to encourage interaction of the 600 onsite students. As such, the surrounding grassed areas and pedestrian routes to the student accommodation were required to be sympathetic with the building and ecologically sound with the design ethos, but capable of providing high load bearing capacity for Emergency Fire Vehicle access and Cherry Picker access for building maintenance.

SOLUTION

ADVANCED TURF was specified by the Landscape Architect, BDP Manchester, for its ability to meet the client's sustainability requirements, providing a natural and discreet, free-draining (SuDS Source Control) reinforced grass solution. The necessary high load bearing capacity for HGV loadings was easily achieved by ADVANCED TURF, whilst retaining the distinctive and flowing landscape that was required.



BENEFITS

The ADVANCED TURF Mesh Element rootzone blend, selected turf and fertiliser were supplied and installed over a designed sub-base profile. After a short establishment period the ATS400/B System was able to provide an aesthetically pleasing, structurally sound compaction & rutting resistant natural grassed surface, whilst the lawn areas are also able to provide a sustainable, safe and pleasant environment where students can spend their leisure time on grassed surfaces which present no visible structures or trip hazards, minimising Health & Safety risks..



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Fiberweb Maldon, Fiberweb Geosynthetics Ltd.
Blackwater Trading Estate • The Causeway
Maldon • CM9 4GG • United Kingdom
Tel: +44 (0) 1621 874200 Fax: +44 (0) 1621 874299
e.mail: info@terram.com • www.terram.com

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