

Advanced Turf

Case study

Client Liverpool John Moores University
Specifier Ormrod & Partners

Project Fire access road/Amenity area, I.M. Marsh Campus
Contractor Tyson Construction PLC



Suitable access for emergency vehicles was required when new halls of residence (eight 2-storey units for 250 students) were being built at the I.M. Marsh Campus in Aigburth, Liverpool.

Four of the new units could not be readily accessed by vehicles from the paved areas so a service access road was required. This would run through a landscaped area and alongside a sportsfield.

Outdoor Facilities Manager Mr Martin Grayshon in consultation with Ormrod & Partners, the architects, believed that construction of an asphalt pavement would detract from the landscaped area and there was also considerable concern about the risk of injuries to rugby players who could fall or trip over on any exposed concrete or metal surface.

It was proposed that Netlon Advanced Turf could provide the right solution.

By installing this engineered turf system the landscaping would retain the natural green colour and would provide a safe surface for the sports players.

At the same time the area would be suitable for use by fire engines and other emergency vehicles and for use by hydraulic access platforms.

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The proposal was accepted and the Advanced Turf was incorporated into the design. A 100 metre long, 5 metre wide access road was designed using Advanced Turf with slopes up to 5°. The road curves round the units and has a 'hammerhead' section at the end where vehicles turn.

Following installation the access road proved its worth. Approximately 8 - 10 weeks after installation a problem was discovered in one of the buildings. The Advanced Turf roadway provided access for specialised HGV's and equipment to the building. All loadings were carried successfully by the roadway.

In periods of heavy rainfall when the sports field has been very muddy, players have used the Advanced Turf roadway as their training ground.

Conclusion

Netlon Advanced Turf has provided a safe, effective and attractive access road for emergency vehicles and has also been used as an amenity area for students.

Advanced Turf

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