



Case

STUDY

LANDLOK PYRAMAT

Nuneaton, Warwickshire
Working Platform



MARKET SECTOR:

Environmental



LOCATION:

Nuneaton, Warwickshire



CONTRACTOR:

T & W Civil Engineering

The BACKGROUND

The Camphill Urban Village project is a new housing development in Nuneaton.

Part of the village's storm drainage runs to an outfall with a stretch of open channel which then drains into an adjoining stream flowing into an attenuation pond.

Our Client's REQUIREMENTS

A sustainable solution for high performance erosion control.

The groundwork contractors required a high performance erosion control product to handle the high flow events predicted and provide a vegetated open drainage channel as specified by the client and consultant.

Geosynthetics Ltd were asked to recommend a product for the proposed storm drain channel using a permanent erosion prevention mat that would handle the design parameters and provide a vegetated finish.



Our Value Engineered **SOLUTION**

Geosynthetics put forward the Pyramat product. Pyramat is a high strength and light weight turf reinforcement mat designed to handle the most demanding erosion control applications.

Nuneaton & Bedworth Borough Council's engineers approved Pyramat based on the parameters of a maximum unvegetated velocity of 4.6m/sec and a channel slope of greater than 45°.

The 3D matrix of polypropylene yarn features unique X3 technology which locks in seed and soil for permanent reinforced vegetation and the ability to cope with vegetated velocities of up to 7.6m/s.

The patented three - dimensional construction of Pyramat makes the HPTRM ten times stronger than a more traditional TRM.

