

Case Study: Embankment Erosion Control, M5 Junction 9, Tewkesbury Products: Geocoir 700



This work is part of the national pinch point programme, which forms part of the UK Government's growth initiative.

Geocoir 700 was used as it provides a strong and durable short to mid term protection and surface stability to steep and aggressive applications. Particularly relevant to this site was its ability to slow water run off and provide excellent silt collection to water course embankments aiding natural vegetation and long term embankment regeneration.

The soil surface was initially graded to remove ruts, footprints and other depressions as far as possible. Seed was broadcast onto the uncompacted soil. The Geocoir was rolled down the slope and laid loosely and evenly without stretching. It was pinned in place using 300mm steel pins to a pinning pattern provided by Greenfix, and with edges secured in line with the Geocoir installation instructions. The Geocoir will shade and protect the seeding from the sun and drying effect of the winds for 4-5 years, before it has fully degraded, to assist in the establishment of grasses and to reinforce the root system until it has reached full bio-mass.



Client



Contractor

