



Case Study: Channel Protection Ampthill, Northampton

The site at Warrens Farm in Ampthill is typical of Greenfix's ability to provide technically innovative answers to soil stabilisation questions where an "off the peg" solution has not worked.

After numerous issues with the embankment of a newly profiled ditch, the developer came to our design team for assistance. The client was concerned with the aesthetics of the new housing development and was looking to reduce the long-term maintenance of the area.



As a liner was to be installed across the length of the embankment a solution was required which would ensure the liner was not punctured. Geoweb® was selected due to its Atra® Tendon Installation method. The 100mm deep panels were secured in place using the patented Atra® tendon clips and tendons which were secured in a Deadman trench at the crest of the slope. The tendons allow the Geoweb to be suspended over the liner without the requirement for pinning in place.

Once the panels were filled with soil the Geoweb was covered with Greenfix's Eromat™ C-100-P Coir Erosion Control Blanket, the blanket prevented surface erosion and protected recently sown seeds. Greenfix



Rock Rolls were used at the toe of the slope to protect against scour when the channel was filled with water during high rainfall or possible flooding events.



Product
Geoweb® Slope Protection, Eromat™ C-100-P, Rock Rolls



Contractor
Land and Water