

Case Study: Erosion Control for new Bund, Warwickshire Products: Geoweb® Slope Protection System & GeoJute 500



Early Summer 2019, planning permission was granted for the construction of a steel frame storage shed at a private residence in Warwickshire. To lessen the impact of the new build on the surrounding area, the building was cut back into the slope of an adjacent field with the excavated soil used to form a new bund.

In order to minimise space taken from the field, the decision was taken to set the internal slope of the new bund at 45°. This then brought up the issue of how the soil and seed would be retained on the slope to allow for the desired vegetated finish. The client at this point contact Greenfix to seek advice on the best method for soil retention. Following in depth discussions between the client and the Greenfix Sales Team it was agreed that the Geoweb® Slope Protection System would be the most suitable option for this project. The large cell, 75mm Geoweb was selected due to the degree of slope and the desire to infill with topsoil and grass seed. The Client has said *"the decision was made to purchase the Geoweb system, which was easy to install and held the soil on the slope at the perfect depth ready for seeding."*

Following the installation of the Geoweb® another issue on site was identified. Due to the location of the site the slope was vulnerable to high winds which made retaining newly sown grass seed challenging. After speaking with Greenfix once more the recommendation of installing Greenfix GeoJute 500, 100% Biodegradable Jute Erosion Control Blanket was made. Following installation, the grass was fully established within 5 weeks which exceeded the client's expectations.



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