



Project Info

 01 / 11 / 2014


 CC8™ Bulk Rolls

 2400sqm

 Longitudinal layers

 M6 Junction 39/40, Shap, UK

 Cubby

 CC8™ used to prevent further erosion of the drainage channel after heavy rainfall from the adjacent fields.



Completed project



Excavation



Weighing down the joints and a pipe penetration

In November 2014, Concrete Canvas GCCM* (CC) was used to line a ditch located next to the M6 motorway in Shap, UK. Heavy rainfall had caused the drainage channel to erode and lose integrity, posing a risk to the nearby motorway.

Installation was carried out by Cubby with consultation from EM Highways, for Highways England. Prior to the installation of 8mm thick CC (CC8™) the ditch was re-profiled/excavated as parts of it had collapsed due to the erosion. Bulk roll of CC8™ were deployed using a spreader beam hung from plant. This was unrolled along the ditch in two layers, with a 100mm overlap created between layers. The CC8™ was fixed to the substrate with ground pegs every 2m and the overlap was joined with screws. It was then hydrated using a 1000L IBC and hose, with joints weighed down during setting.

2400sqm of CC8™ were installed in 4 weeks by 4 people during heavy rainfall and storms.

*Geosynthetic Cementitious Composite Mat