

Project Info



01 / 11 / 14



CC8™ Bulk Rolls



2,400m²



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 and laying CC



Weighing down 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. Works were carried out by Cubby, with consultation services provided by EM highways, for Highways England.

Prior to the installation of CC8™ the ditch was re-profiled/excavated as parts of it had collapsed due to the erosion. Bulk rolls of CC8™ were deployed using a spreader beam hung from plant, and unrolled along the ditch in two layers, with a 100mm overlap. The CC was fixed to the substrate with ground pegs at intervals of 2m, and the overlap was jointed with screws. The CC was then hydrated using a 1000L IBC and hose, with joints weighed down during setting.

2400m² of CC8™ were installed in 4 weeks by 4 people during heavy rainfall and storms.

*Geosynthetic Cementitious Composite Mat

