

Project Info



14 / 09 / 09



CC5™ Batched Rolls



140m²



Longitudinal layers



Chipping Sodbury, UK



AMCO



CC was used to line a drainage channel at the top of a railway embankment.



Completed installation

In September 2009, Concrete Canvas® GCCM* (CC) was used to line a section of a channel in Chipping Sodbury, Gloucestershire. The project was commissioned by Network Rail to provide drainage at the top of a railway embankment. The work was carried out by AMCO (Amalgamated Construction).

This was the first time AMCO had used CC for ditch lining and the project was heralded as a major success. CC was significantly quicker and easier to install than conventional concrete slab construction, reducing the project cost and time on site. The CC was supplied in man portable (batched) rolls for ease of use on a site with limited access.

In total, 140m² of CC was installed in less than 8 hours. Both the client and contractor were pleased and impressed with the product and success of the installation.

"Concrete Canvas is incredibly quick and easy to use. It allowed us to line over 100m of ditch in less than 8 hours, with the minimum of man power and plant equipment. The time and expense saved, means I will have no hesitation in recommending Concrete Canvas for future projects."

Andrew Gurd
Drainage/Construction Manager, Amalgamated Construction Ltd

*Geosynthetic Cementitious Composite Mat





CC was delivered to site in batched rolls



CC was laid longitudinally



Sealant was used to fix the layers of CC together



A bowser was used to fill the channel, which was further hydrated by hand



Completed installation, before hydration



Completed installation