

Project Info



12 / 02 / 2014



CC8™ Bulk Roll



25sqm



Longitudinal layer



Thames, New Zealand



Thames Coromandel District Council, Transfield Services



CC8™ used to remediate a concrete curb and drainage channel



Completed curb



Original concrete curb



After hydration



The finished curb

In February 2014, Concrete Canvas® GCCM* (CC) was used to remediate a damaged curb and channel in Thames, New Zealand. The original poured concrete ditch was cracking due to age and environmental weathering.

Installation was carried out by Thames Coromandel District Council, Transfield Services. Prior to the installation of 8mm thick CC (CC8™), loose rock and debris were removed from the old concrete ditch and anchor trenches were created on either side by removing soil and a small section of tarmac. A bespoke length of CC8™ was cut from a bulk roll, delivered to site and unrolled along the length of the ditch by hand, with a hole being cut for an existing pipe. 50mm nails were used to fix the CC8™ to the substrate before it was hydrated using sprayed water from a water tank. The anchor trenches were then backfilled using chip seal on one side and holt mix on the other. The edges around the drain were treated with epoxy to create a water tight seal.

The project was installed by a team of 3 in 1 hour, which was **an estimated 5 times faster than poured concrete**. The client was pleased with the CC8™, especially the speed and ease of install, as well as cost effectiveness. **The council will likely use Concrete Canvas® GCCM in future projects.**

*Geosynthetic Cementitious Composite Mat

