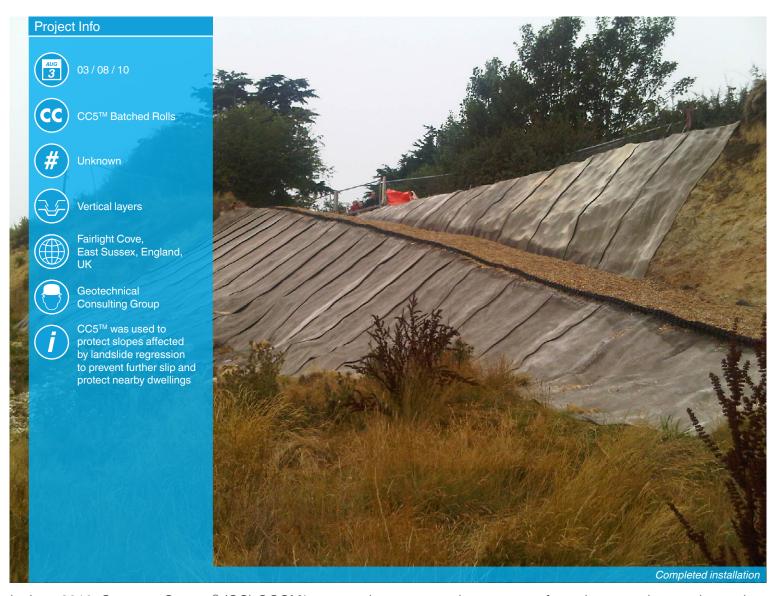


SLOPE PROTECTION



In June 2010, Concrete Canvas® (CC) GCCM* was used to protect a slope as part of a major coastal protection project at Fairlight Cove on the south coast of England.

The area had suffered from extreme landslide regression resulting in the loss of residential property and further threatening a large number of dwellings. A long-term, durable solution was required to protect the sub-vertical failure surface close to a key drainage facility. The steep nature of the slope prevented conventional slope protection techniques such as vegetation growth, while the restricted access on site prevented the use of many conventional concreting methods such as shotcrete.

As a result, CC was specified for the project as its man-portable batched rolls would allow the contractors to easily transport the material to the site, provide a fast and easy to installation solution, and would provide protection for 50+ years due to the product's design life. The works were carried out by Geotechnical Consulting Group for Rother Council.

CC5™ was specified for the project, and delivered to site in pre-batched rolls. The material was lifted to the top of the slopes which required protection, and unrolled vertically, from crest to toe. The leading edges of the material were secured in anchor trenches, which were later backfilled, while overlapping layers of CC were jointed to prevent ingress.

*Geosynthetic Cementitious Composite Mat





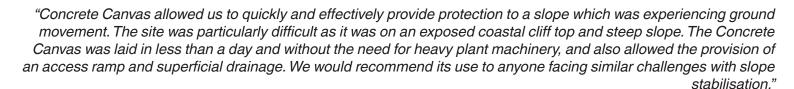






SLOPE PROTECTION





Dr. Jacqueline Skipper, Senior Geologist, **Geotechnical Consulting Group**





