

## Project Info



August 2015



CC5™ Batched Rolls



1,020m<sup>2</sup>



Longitudinal layers



Yamanashi, Japan



Central Nippon Highway Maintenance Chuo



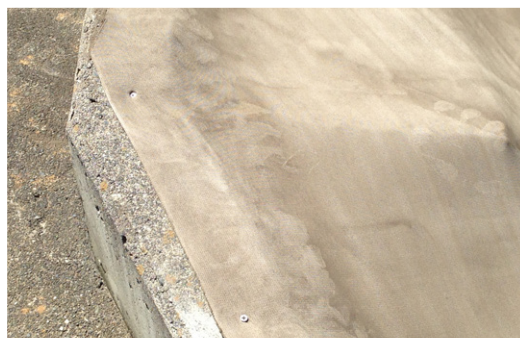
CC5™ was used to provide both slope crest protection and weed suppression to sections of embankment alongside highways



Completed installation



Fixing the CC to concrete infrastructure using screws



Ground pegs were used to secure the CC



Completed installation

In August 2015, Concrete Canvas® GCCM\* (CC) was used to provide both slope protection and weed suppression to sections of embankment alongside highways in Yamanashi, Japan.

The slopes were originally covered by anti-weed fabric, but this had deteriorated as a result of exposure to UV. As a result, the client specified CC due to its resistance to UV, along with its weed suppression and erosion control properties. The expressway company responsible for the road doesn't permit long-term occupation of the lanes for construction works; CC's ability to be installed in a fraction of the time in comparison to traditional methods was preferable to the company, and therefore the client had no issues getting permission for the project to go ahead.

The works were carried out by Central Nippon Highway Maintenance Chuo for Central Nippon Expressway Company.

In preparation for the installation, the existing anti-weed fabric was removed and 102 batched rolls of CC5 were delivered to site. The CC was then laid longitudinally, with subsequent layers overlapping by 100mm. The CC was secured and fixed along overlaps, and to concrete infrastructure using screws, or to the substrate using ground pegs. Once the installation was completed, the CC was hydrated.

1,020m<sup>2</sup> of CC5™ were installed on a site with limited access, and time restrictions.

\*Geosynthetic Cementitious Composite Mat

