

Project Info



January 2017



CC5™ Batched Rolls



280m²



Longitudinal layers



Okayama, Japan



Kosei Corporation



CC5™ was used to provide weed suppression alongside a railway track to provide train drivers with a clear view of the crossings



Completed installation



CC5 was used as a weed suppression solution



Ground pegs were used to secure the CC



Layers of CC were overlapped by 100mm

In January 2017, Concrete Canvas® GCCM* (CC) was used to provide weed suppression alongside a railway track to provide train drivers with a clear view of crossings.

The Japanese railway companies spend a lot of money every year on maintaining the railway tracks and area around them, which often includes cutting back weeds. By specifying CC, which is highly effective in suppressing weeds and vegetation, the company would save vast amounts of money on maintenance and labour costs for this site, which could instead be spent elsewhere. Due to the nature of the site, access was restricted, making CC a more suitable solution, along with its speed and ease of install, decreasing the time spent on the site, and reducing health and safety risks. The works were carried out by Kosei Corporation for West Japan Railway.

In preparation for the installation, any existing weeds along the installation site were cut to provide a more even surface on which to lay the CC. The CC5 material was then delivered by hand in batched, man-portable rolls and laid longitudinally. Subsequent layers were laid with overlaps of 100mm; the CC was fixed and jointed using ground pegs. Once installation was completed, the CC was hydrated.

280m² of CC5™ were installed on a site with access limitations which only allowed manual transportation of materials. The contractor and client were both satisfied with the out come of the installation, and by the speed and ease of installing CC.

*Geosynthetic Cementitious Composite Mat

