

## Project Info



30 / 08 / 16



CC5™ Bulk Rolls



12,680m<sup>2</sup>



Transverse layers



Colonia, Uruguay



Pronto Cemento



CC5™ was used to line a series of drainage channels on an industrial site owned by Montes del Plata

**Montes del Plata**



*Completed section of channel in Colonia, Uruguay*

In August 2016, Concrete Canvas® GCCM\* (CC) was used to line a series of channels in Colonia, Uruguay. The channels were 1,170 linear meters and a width of between 4.5m – 11.8m, and located on an industrial estate owned by forestry company, Montes del Plata, owned by Arauco and Storaenso. The works were carried out by Pronto Cemento for Montes del Plata.

In preparation for the installation, the soil for the channels was replaced, the ground re-graded and levelled using a backhoe and vibrating plate, and all vegetation removed to provide a smooth surface on which to lay the CC and to avoid the formation of any voids below the material. The CC was then delivered to site in bulk rolls of CC5™, which was then mounted onto a spreader beam and backhoe, unrolled transversely across the width of the channels and cut to required length. The edges of the CC were then fixed into pre-dug anchor trenches and jointed along overlapped layers using screws. Where the CC met existing concrete infrastructure, anchors were shot-fired through the material and into the concrete.

12,680m<sup>2</sup> of CC5™ were installed in 23 days by 7 people, with an average of 550m<sup>2</sup> of CC laid per day, once the preparation works for the channel were complete. The client was satisfied with the level of quality of the work and the consistency of the quality at which the project was completed.

\*Geosynthetic Cementitious Composite Mat







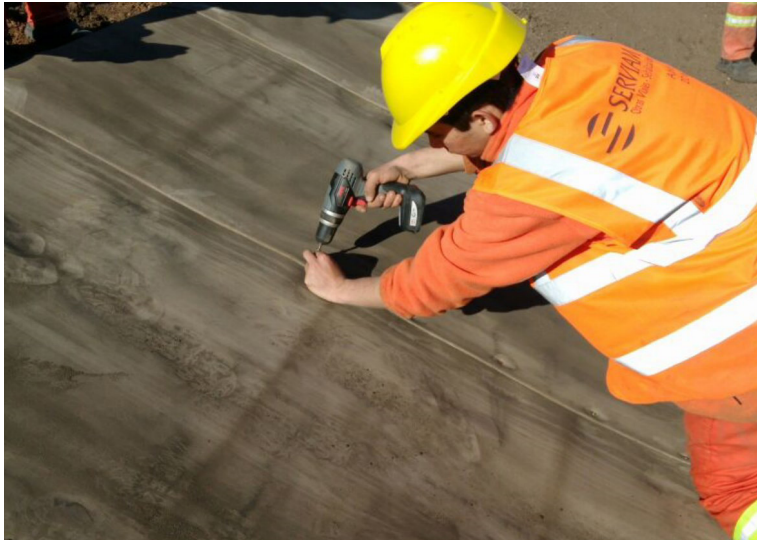
*The area was graded, levelled and rid of vegetation prior to installation*



*The prepared channel*



*The CC was laid transversely across the channel*



*Overlapped layers were jointed using screws*



*A junction section of the channel*



*The CC was hydrated following completion of installation*





*A completed section of the channel*



*A section of the channel including a headwall, meeting concrete infrastructure and a junction*



*The termination of the CC at the junction*