

Project Info



25 / 04 / 2012



CC5 Bulk rolls



200sqm



Vertical tranverse layers



Nocaima, Colombia



MERT S.A.S



CC was used to line a sandbag and gravel bed ditch designed to prevent ground saturation of nearby private properties in a remote jungle area.

The customer was Concesión Sabana De Occidente who have specified CC on previous works.

The installation was completed in 4 days using a team of 5 workers. Limited site access and inclement weather prohibited more traditional concrete solutions so CC was specified as an environmentally friendly high performance liner to prevent erosion of the sandbag wall structures.



Completed CC lined ditch section, Nocaima, Cundinamarca, Colombia



Ditch profile prior to lining with CC



CC dispensed from a bulk roll on site before being cut to length





CC pre-cut sections of 1.5m positioned over sandbag wall prior to fixing



Hydration of the CC layers using local water source



Adjacent CC layers were overlapped and screwed together



Wooden beams were used to close voids immediately after hydration



CC was applied to both sides of the 80 linear metre long ditch



Completed CC lined ditch with redirected water flow