

Project Info

-  01 June 2020
-  CC5™
-  # 700sqm
-  Longitudinal Layer
-  Barahnagar Metro Stn.
-  RVNL Kolkata





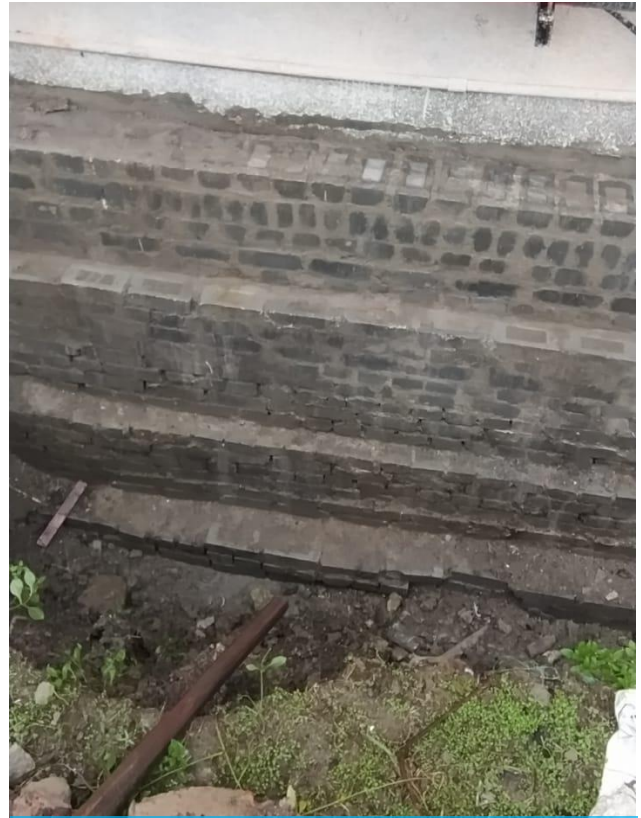
Installation Completion Photo

As ER & RVNL has previously worked with us on slope protection & drain formation several times this time they came to us with a unique & interesting application. At barahnagar metro station the office building was constructed just beside the trackway. The filled soil for formation of trackway pass water through it to the ground but because the building was there some amount water seeps through wall inside the building. RVNL first made retaining wall of brick to protect the seepage but it did not work, so they inform about our product from eastern railway officials who had previous worked with us for slopes & drain work & work was allotted to us.

Concrete canvas has 100% impermeability to water as well as chemicals so application was easy for us. All excavation was to be done by the client for us to easily work on the surface but RVNL paid us for excavation separately as they want us to complete total work before rains. We excavate, clean all mud & dust. Then simply fix Concrete canvas into the groove with hilti nailing machine. Intermediate fixing is done on overlapping & material is hydrated to gain strength & become hard, thin but durable waterproof layer. In total 700sqm of CC5™ were used for the project. Total 171m long & 2-3m deep building wall is covered in 30days including heavy excavation time as RVNL did not permit more than 10m at a time as it was risky for moving trackway. The work speed can be increase if the excavation is carried out by RVNL first and prepared site was handover to us. Our average speed for installation is 200sqm per day for slopes & drains, so we could have completed the site in a week if permitted & give favorable conditions.



Before excavation



After excavation



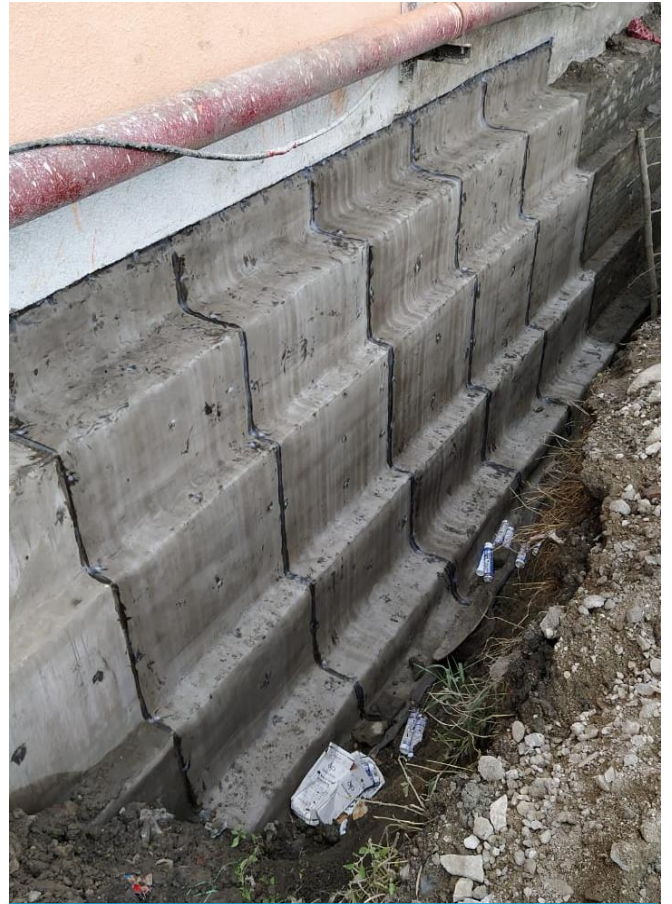
Groove Formation to Fix CC5



Installation Started



Installation on direct building wall



Installation on retaining wall



Labour team on Last day of installation.