

**Project Info**

-  **July 2018**
-  **CC8™**
-  **1740 sqm**
-  **Longitudinal Layers**
-  **Sangaldan, J & K**
-  **Velecha Construction & Konkan Railway**





*After one year of completion of work*

After visiting the site it has been observed that the work of railway track is under construction in embankment or filling and the soil is very loose. Road under the bridge is getting jam due to heavy rain, the soil of the slope is sliding with water towards the lower side & because of that the base of newly constructed railway line getting weaker. It is very dangerous for railway track; hence it is to be rectified.

In July 2018 the work has been started to protect the slope from erosion of soil. First of all, we clear the surface from shrubs and fill the pit holes with soil and tried to even the slope and dressing was done. After that measured cut pieces laid on slope one by one with overlap of 100 mm between two pieces of CC then fixed it with the help of pegs having 1.5-2.5 meters length (On each 1m. interval) & 1.5" fully threaded round headed screws having washers. Two lines of screw are maintained on the overlap for better fixing result (each at 200mm distance in straight and 100mm in zigzag way). Weeping holes of PVC Pipes having 1.5 inch diameter also use to remove percolated water in soil so that it will decreases water pressure in inner portion. Insert ½. Concrete Canvas on both side drains with using pegs for fixing and do concreting on drain portion. Then cure it with water for one day having 2-3 hours intervals. The Project has completed one year of successful installation.





*Before Site Preparation*



*After Site Preparation*



*Unrolling Bulk Rolls of CC8*



*Cutting as per measurements*





*Catch Water Drain on Berm*



*Middle Berm View*



*Laying of CC8*



*Completed Installation*