

Project Info

 07 Dec 2021

 CC5™

 542 sqm

 Transverse pattern

 Gosekhurd

 Vidarbha Irrigation



Near completion photo

In first week of December, 2021, we started the work of Bank Protection at Gosekhurd left bank canal near Konda. Concrete Canvas 5mm thick was used to cover the 25m initial length of canal beside sluice gate on both side slopes.

The project came with several challenges, including slope cutting, matching key level to achieve uniformity in work, mud & rain water collected on bed of canal, etc. The working area was muddy and rain cuts occurs due to every night rain. The installation was carried out stepwise precisely to avoid water ingress inside CC overlaps. First of all, we prepare the slopes at required dimensions and levels as of old canal concrete lining, then CC5 was laid by fixing steel pegs at excavated anchor trenches at top & bottom. The overlaps are by thermal welding by Leister Automatic tool for achieving maximum impermeability and sealant coat also given on edges of overlapping for additional protection. Concreting at trenches are important to hold the CC ends properly.

In total 542sqm of CC5 will be installed on a site for an ambitious project, the difficulties of client were definitely expected to overcome and the CC is looking an attractive, functional and innovative solution, Irrigation officer said. The project is expected to complete in next 5 days as remaining installation of 150sqm is under process and concreting and finishing is yet to be done.





Preparation of canal



Laying of CC patches



Fixing inside anchor trench



Jointing of overlap by thermal welding method



Edge sealing with silicon sealant



Completely lined canal with concrete canvas installation done at Location 1



Location 2



Location 3



Location 4



Location 5