

Project Info

-  03 September 2020
-  CC5™
-  # 100m²
-  Longitudinal Layer
-  Kuppam
-  South Western Railway






Work Complete in one day & one night shift

Limited Height Subways (LHS) are used in Indian Railways from a long time as the alternative of level crossing systems. It serves the purpose of continuous vehicular travelling on the other side of railway tracks without any disturbance.

The concrete blocks are placed side by side to form a continuous tunnel below the railway track.

In order to avoid vibrational effects of train movement on the concrete blocks placed, it needs to be having some 15mm to 30mm gap between 2 consecutive concrete blocks. The gaps result in leakages of soil, water and aggregates.

Earlier the gaps were used to cover by plastic sheets or tin sheets. But after sometime, these solutions was ineffective due to corrosion in tin plates, or wear tear and likewise reasons. We are currently using Concrete Canvas for the LHS joints covering treatment and it is now one of the best solutions for leakage

The Indian Railway has accepted the concrete canvas with open arm and we are currently working and getting more orders from the railways. This work was allotted via M/S Suryanarayana Reddy, Chittor. One small LHS was covered with 100sqm Concrete Canvas 5mm thick having 11 joints of dimensions nearly 18m running length.



Preparation & Box Placing by Contractor



Side view of installation



Patched installed in day shift



Patched installed in night shift