

Project Info

 APR 14 December 2020

 CC5

 # 15m²

 Wrapped Pattern

 NR Guest House

 Northern Railway



Completed Installation

The beams constructed as a decorative porch area are damaged heavily and eroded due to weathering actions & rains. After concrete portion collapsed, the reinforcement steel bars are begun to corrode due to exposing to environment & moisture. This can lead to failure of the beam structure and also aesthetically was not looking good.

We were approached by Dy. CE Construction 1, Ambala for this small amount of work possibility by Concrete Canvas. As Concrete canvas has extreme weathering durability against heat, temperature, rains, snow, wind, abrasive forces, UV rays & other natural loads/forces, etc. so basic minimal thickness 5mm was selected for the work.

We marked a basic layout drawing with provided dimensions and CC5 can be wrapped around the beams with sufficient overlapping & fixing edges so CC5 15sqm material was sent & installed in one working day with 4 labours & one supervisor. Fixing at top done by Hilti nails & Bidding strips were provided for covering overlapped area. The installation was fast & effective. The authorities were pleased with the material installation & hope to work with the material for other major railway works.



Initial eroded porch beams



Cutting of CC



Sealanting work



Placement of CC over beam



Hilti Nailing work



Top Fixing



Hydration of CC



Top View of Completed Installation



Bottom View of Completed Installation