



## Tunnel Water Proofing with PVC Membrane

<b>Region</b>	Andhra Pradesh (India)
<b>Type</b>	Railway Tunnel waterproofing
<b>Client</b>	Rail Vikas Nigam Ltd. (RVNL)
<b>Main Contractor</b>	Gamya Infrastructures Pvt. Ltd. & Drillcon Infrastructures Pvt. Ltd.
<b>Execution of the work</b>	Renesco India Private Limited
<b>Construction Period</b>	2017 – 2018

## Project Description

The project, when completed, will provide rail connectivity to the gateway port at Krishnappa on the east coast. Pressure release waterproofing system has to be applied on the surface of tunnel made for Indian Railway, using PVC membrane of 2mm thickness as a main waterproofing component. In pressure release waterproofing system drainage is a critical component, that has to be installed along with waterproofing membrane.

## Scope of work

Supply and installation of following items for around 1,60,000 Sqm surface area of the tunnel

- PVC membrane 2mm thick with signal layer
- Non woven Polypropylene based Geotextile with minimum weight of 500g/m<sup>2</sup>
- **System installed as per DVS 2212 guidelines by trained and certified PVC welders.**

