



Tunnel Water Proofing with Membrane

Region	Andhra Pradesh (India)
Type	Tunnel waterproofing
Main Contractor	C.S Construction Company Pvt. Ltd.
Execution of the work	Renesco India Private Limited
Construction Period	2015 – 2016

Project Description

Pressure release waterproofing system has to be applied on the surface of tunnel using PVC membrane 2.0 mm thick with drainage system, to be installed along with waterproofing membrane and protection sheet. Formation of compartment as per gantry length with the use of waterbar.



Scope of work

Supply and installation of following items for around 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/m²
- Drainage board with dimple height 8.0 mm with minimum weight of 500g/m² for vertical surface
- Drainage board with dimple height 8.0 mm with minimum weight of 1000g/m² for horizontal surface
- PVC waterbar 280mm width with four anchors 30mm high
- PVC Termination tape 220mm wide
- Protection sheet 2.0mm thick
- **System installed as per DVS 2212 guidelines by trained and certified PVC welders.**

