



## Waterproofing of underground RCC structure

<b>Region</b>	Tamilnadu (India)
<b>Type</b>	Underground pressure waterproofing
<b>Main Contractor</b>	CS Construction Company Private Limited
<b>Execution of the work</b>	Renesco India Private Limited
<b>Construction Period</b>	2014-2015

## Project Description

Pressure waterproofing system also known as submarine system of waterproofing has to be applied, using PVC membrane of 2.0 mm thick, on the underground RCC structures. The system will prevent entry of water into the structure from outside surroundings and will facilitate a bone dry structure inside against pressurised ground water condition.

## Scope of work

Supply and Installation of two layer water Proofing System comprising of..

- 2mm thick PVC Membrane with signal layer
- Non woven Polypropelene based Geotextile with minimum weight of 500g/m<sup>2</sup>
- Dimple Board for drainage with dimple height 8mm and minimum weight of 500g/m<sup>2</sup>
- Dimple Board for drainage with dimple height 8mm and minimum weight of 1000g/m<sup>2</sup>
- High strength XPS board 25mm thick for protection layer
- Re-Injectable Hose.
- **System installed as per DVS 2212 guidelines by trained and certified PVC welders.**

