



## Tunnel Waterproofing with Membrane

<b>Region</b>	Maharashtra (India)
<b>Type</b>	Tunnel waterproofing
<b>Main Contractor</b>	GVPR Engineers Limited
<b>Execution of the work</b>	Valplast Technologies Pvt Ltd
<b>Construction Period</b>	2023-2024

## Project Description

This pressure release waterproofing system entails the application of a 2mm thick PVC membrane, complete with a drainage system. Furthermore, compartments are made based on the Gantry's length, using Waterbars. This compartment system not only prevents the entire system from being compromised but also ensures that, in the event of damage for any reason, only a specific compartment will be affected. Consequently, this containment makes it significantly more convenient to address and treat that specific area.

## Scope of work

Supply and installation of following items for around 4016 Sqm surface area of the tunnel

- PVC membrane 2mm thick with signal layer
- Geotextile 500 gsm
- PVC waterbar 230mm width 6mm thickness
- C Anchor Bolts
- **System installed as per DVS 2212 guidelines by trained and certified PVC welders.**

