Sarnafil at Renault Nissan, Oragadam Chennai
A Case Study
Project
Renault Nissan is one of the world renowned automobile units. Renault Nissan sets their one of the state of art manufacturing unit at Sipcot Industrial Estate, Oragadam, Chennai.

Project Requirement
The project design includes a HQ block whose roof has to make it watertight. The area of the roof is approx 2341 sq.mt.

Sika Solution
A PVC membrane system with mechanical fastening system was applied with following specification:
Geo-Textile of 150 GSM was laid over the 30 mm thick insulation board & then Sarnafil S-327 12 L was laid & mechanically fastened by BD fastener.
Vertical wall was covered with Sarnafil G 410 12 adhered with Sarnacol 606

Sika Product
- Sarnafil S 327 12 L
- Sarnafil G 410 12 L
- Sarnacol 606
- BD Fastener
- S-U bar
- Welding chord
- Termination bar
- Sikaflex 11 FC
Project Participants

Client : M/s Renault Nissan Automotives India Private Limited
Contractor : M/s Hariharan Foundation Private Limited
Applicator : M/s Civichem & Applications
Consultant ; Toyo Engineering
PMC : C.R. Narayan Rao

Project Pictures

Laying of Insulation Board  
Laying of Insulation Board

Laying of Geo- Textile
Laying of Geo- Textile
Laying of Sarnafil S 327

Fixing of Sarnafil S 327

Cleaning of Welding Area
Welding Parameter with Automatic Welding Machine

Sample Peel off Test

Protection over fastener

Protection over fastener

Welding with Automatic Welding Machine

Welding with Automatic Welding Machine
Vertical Wall
Substrate Preparation

Fixing of U-Bar

Fixing of Welding Cord

Fixing of Welding Cord
Cleaning of Membrane

Application of Sarnacol 606

Fixing of Sarnafil G 410