



Structural Specialities
& Projects (India) Pvt. Ltd.

Repairs & Strengthening work of Siemens Office Building Kharghar, Navi Mumbai



Commercial /
Residential /
Institutional
Buildings

Structure Details

Ground + 10 Storied RCC Framed Structure of Siemens Corporate Office Building with an Approximate Built up area of 100,000 Sq.ft.

Brief Scope of work:

- Erection of Scaffolding with stair ways to reach at all heights of building with stringent safety norms of European standard.
- Bad / damaged concrete was removed and corroded steel was cleaned. Provided Corrosion Inhibitor treatment and further coated with anti corrosive treatment to provide protection from chloride ion penetration, carbonation and weathering effects
- Reinforcement supplemented where effective dia. was reduced substantially.
- Lost sections in cover zone were rebuilt using pre-packed PMM over weld mesh and polymer bond coat.
- Glass & Carbon Fibre wrapping AND Micro-concrete Jacketing techniques were adopted to strengthen the building
- Separation cracks were sealed and grouted with low viscous epoxy.
- APP Membrane Waterproofing

Project Highlights

- Scaffolding of European standard was successfully erected by SSPI.
- SSPI has completed the project with ZERO accidents / LTI within Stipulated Time

Client
Siemens Ltd.

Period
2016-17

Key Items of work
Glass / Carbon Fibre
Wrapping

Micro concrete
Jacketing

Polymer Modified
Mortar

APP Membrane
Waterproofing