

Case history

Industry	Infrastructure
Project	Sagar Building
Location	Mumbai
Completion date	1999-2000
Consultant	Fosroc
Contractor	Precision Engineers, Mumbai
Products	Nitozinc Primer, Lokset, Renderoc RG(L), Nitobond AR, Concure WB



Before application

Project description & Customer requirement

Sagar Building is a 10-storied building constructed about 25 years ago. This building had developed severe corrosion problems due to chloride attack & carbonation. The distress noticed was cracking, spalling napping of ties etc.

Many consultants who investigated this structure recommended dismantling the structure as it was beyond repair. Fosroc took up the challenge and suggested a restoration methodology, which was approved by the committee of experts. The repair was carried out using our repair range.

Proposed solution

The solution was based on the systematic approach. It comprises of, thorough surface preparation, removal of weak/damaged concrete, cleaning of steel and provision of extra reinforcements, provision of anticorrosive coating, fixing of shear connectors and application of acrylic bonding agent and encasement with fluid micro concrete. Curing was done by using wax based curing compound.



After application

Fosroc India

111/3 Hafeeza Chamber,
II Floor, KH Road, PB No.
2744, Bangalore 560 027

www.fosroc.com

telephone:
+91 (0)80 22240018

fax:
+91 (0)80 22233474

email:
india@fosroc.com

Registered Office: 41st KM, NH4, Nelamangala Taluk, Bangalore Rural Dist. 562111