

Case Study



PROJECT INFORMATION

Project name:	Riverview Apartments
Client:	Lucknow Development Authority
Consultant:	ARVEE Consultants
Contractor:	Larsen & Toubro (L&T)
Location:	Gomti Nagar Extension, Lucknow, India

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PROJECT REQUIREMENT

Task at Hand

Riverview Apartments is a large housing scheme. The two phase project launched in 2008 aims to offer more than 3,000 flats that are designed and implemented in the highest quality.

The requirement in the project was to supply products from a full solution provider that can offer the full integrity and protection of the structure. DCP was able to achieve this goal in a timely and fashion and by ensuring that all product supplied are fully compatible with each other in a cost efficient manner without affecting the quality.

Area & Volume Covered

Formcoat S100 - 7,500,000 m² (50 m²/litre)

Supaflo Special JP - 45,455 m² (Dosage 1.1% by weight of cement)

Cement content per 1 m³ M35 grade concrete- 400 kg

Hyperplast PC711 - 50,000 m³ (Dosage 0.6% by weight of cement)

Cement content per 1 m³ M35 grade concrete- 400 kg

DCP SOLUTION

Formcoat S100 was used as a release agent for the formwork maintaining the concrete strength while improving surface finish.

For a high quality concrete, **Supaflo Special JP** which is an SNF high range water reducer and **Hyperplast PC711** which is a polycarboxylic hyperplasticiser admixture. Both used to enhance the concrete cohesion and to overcome the congestion in steel reinforcement.

Serving an area near Gomti river bank, the project required a special anchor grout highly resistant to moistened conditions.

Keygrout, a high strength and fast curing polyester grout, was used for anchoring the starters, dowels and bars.

Flexseal GA700 was used as a general purposes acrylic sealant for pane and frame joints.

Products and Quantities

Formcoat S100 - 150 MT

Supaflo Special JP - 200 MT

Hyperplast PC711 - 120 MT

Flo-Grout 40 - 120 MT

Keygrout - 3 MT

Quickmast 108 - 3 MT

Flexseal GA700 - 15,000 litres

Supply Period

January 2011 to 2013

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