

TCS Banyan Park, Mumbai, India

POLYUREA

Client	Tata Consulting Services
Construction Contractor	Shapoorji Pallonji & Company, Mumbai
Coating Contractor	Newkem Engineers Pvt Ltd., Mumbai
Project Area	TCS Banyan Park Mumbai India 730 m ²
Construction	31st January 2013
VIP System	Quick Spray Industrial 1.5 mm
VIP Distributor	Kansai Nerolac Paints Ltd, Mumbai



Project Description

Area Location	J Block Gym and Squash Area. 2 meters below ground level basement Area.
Problem	Ingress of ground Water through floor and walls.
Function	Water Proofing Membrane from negative side.
System Recommendation	<p>Concrete Walls & Floor Area Application in following stages</p> <p>The walls were High pressure cleaned and Crystalline Grouted. A Deep Penetrating Sealer was applied to inhibit the rising dampness from below ground Level. VIP Epoxy primer followed by an Epoxy Screed on Walls and 5mm Epoxy Screed on Floor. VIP 2K Epoxy SF primer was then applied before the application of VIP QuickSpray Industrial at 1.5mm thickness.</p> <p>Retaining/Brick Walls in following stages</p> <p>Walls were cleaned and then the rising dampness was dealt with before the application of VIP Epoxy Primer followed by a 2 mm Epoxy Screed. VIP Quick Spray Industrial was applied at 1.5 mm.</p>
Application of VIP product	High pressure plural component spray equipment operated by qualified contractor.
Result	Despite the heaviest monsoonal rains in 22 years the finished VIP system has maintained full integrity. Adjacent areas treated with traditional waterproofing materials have failed with water permeating through tile joints and flooding the floor areas.

