

AL RAYYAN Sports Club (Olympic Stadium), Qatar

POLYUREA

Client	Qatar Olympic Committee
Construction Contractor	EMCOR Facilities Services
Coating Contractor	Hitech Projects W.L.L , Doha
Project	AL RAYYAN Sports Club Olympic Stadium, Doha
Area	6500 m ² linear meters
Construction	August 2009
VIP System	QuickPrime 2K-Epoxy SF QuickSpray Industrial



Project Description

Qatar Olympic Committee required a fast curing surface coating system with high mechanical abrasion resistance, no VOC contents, no cracking and stable features for refurbishment of the Al Rayyan Stadium, Doha.

Application with 1:1 heated, high-pressure, plural component equipment (Graco XP-2). Pressure of time for fast completion and cost advantages favoured QuickSpray Industrial (aromatic), 100% Polyurea 2-part Coating - System derived from a reaction of Isocyanate and Amine terminated resin.

Processing took place in 4 steps:

1. Concrete substrate was prepared and cleaned of any residues that may have an affect to bonding.
2. Surface was primed and adhesion improved.
3. The aromatic Polyurea QuickSpray applied with heated mixing equipment.
4. After curing time of 24 hours the stadium was ready for use.

The complete process of surface-preparation and application of the Polyurea System was successfully completed.

