

Kitchens and accommodation, Qatar

POLYUREA

Client	Qatar Fertilizing Company
Construction Contractor	Hyundai Engineering & Construction Co
Coating Contractor	Hitech Projects, Doha
Project	Qafco 5 - Kitchens and accommodation
Area	8.000 m ²
Construction	January 2009
VIP System	QuickPrime 2K-Epoxy SF QuickSpray Industrial



Project Description

Qafco required a fast curing surface coating system with high mechanical abrasion resistance, no VOC contents, no cracking and stable features for a newly constructed kitchen and accommodation area. 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), a 100% Polyurea 2-part Coating-System derived from a reaction of Isocyanate and Amine terminated resin.

Processing took place in 4 steps:

1. Concrete 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 12 hours furniture was moved in and put in place.

The complete process of surface-preparation and application of the Polyurea System was successfully completed in less then 3 days.

