

Olimpic Swimming Pool at Suleyman Demirel University, Turkey

POLYUREA

Client	SDU Isparta
Coating Contractor	Politim
Project	Swimming Pool Coating SDU, Isparta
Area	1.800 m ²
Construction	May 2010
VIP System	QuickPrime 1-K PU universal QuickSpray Industrial



Project Description

Politim required a fast curing surface coating system with high mechanical abrasion resistance, no VOC contents, no cracking and stable features for the restoration and waterproofing for the complete olimpic swimming pool facility, Isparta/Turkey. 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. Ceramic tile will be applied on the surface as a finish layer.

The complete process of surface-preparation and application of base coat was successfully completed in 7 days.

