

Suleyman Demirel University, Turkey

POLYUREA

Coating Contractor	Politim
Project	Roof Coating SDU Isparta
Area	2.000 m2, Roofing,
Construction	September 2010
VIP System	QuickPrime 1-K PU universal QuickSpray Eco QuickCoat-Base Protect



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 Suleyman Demirel University, 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 Eco, a 2-part hybrid-system derived from a reaction of an Isocyanate and a modified Polyurea/Polyurethane resin blend.

Processing took place in 4 steps:

1. Old bitumen was taken 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. QuickCoat-Base Protect (aliphatic) was used as top coat.

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

