

Suleyman Demirel University, Turkey

POLYUREA

Client	SD University
Construction Contractor	ArsanYapi Ltd.Sti.
Coating Contractor	Arsan Yapi Ltd.Sti.
Project	Roofing Coating, SDU Isparta, Turkey
Area	20.000 m ²
Construction	December 2011
VIP System	QuickPrime 1-K PU universal QuickSpray Eco Flex QuickCoat-Base Protect



Project Description

Arsan Yapi 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 roof of SDU University in 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 Quick Spray Eco Flex (aromatic), 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. Metal channels 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. QuickCoat-Base Protect applied as a top coat finishing.

The complete process of surface-preparation and application of base coat was successfully completed in 15 days.

