Patterson Dental

Application

160,000 square feet of Foam-Control® PLUS+® 250 Composite Insulation was installed on the metal roof deck of the Patterson Dental building in Dinuba, California. The two-layer system, consisting of 8" thick Foam-Control® 100 Roof Insulation and a 1" thick Foam-Control® Composite Insulation cap was mechanically fastened to a metal roof deck beneath a PVC membrane.

Foam-Control® composite insulation is a lightweight and water resistant expanded polystyrene roof insulation that is factory laminated to a durable fiberglass facer.

Project Details

Summer 2008, Patterson Dental increased the specification for their roof insulation from R-30 which called for polyisocyanurate to R-38 to make the building more energy efficient and as environmentally friendly as possible. This change in the roof insulation specification made polyisocyanurate too expensive for the project.

Foam-Control® composite insulation met the R-38 specification and brought the project’s budget back on track. Using Foam-Control® composite insulation also saved installation labor by eliminating the need for a cover board that is used in many membrane applications. ACH Foam Technologies’ Foam-Control® composite roof insulation is used nationwide in LEED certified projects and meets UL Class A requirements.

Roof Insulation

Patterson Dental
- Dinuba, CA
- Summer 2008
- Foam-Control® 100 Roof Insulation and Foam-Control® PLUS+® 250 Composite Roof Insulation
- 160,000 Square Feet

Contractor
Seals/Biehle & Peters Roofing

Architect
Robert Vermeltfoort
Vermeltfoort Architects Inc.