



Oak Ridge

Foam & Coating Systems, Inc.

September 2016

Project Case History: H.A. MAIER FARMS, APPLE COLD STORAGE INSULATION INSTALLATION



CONTRACTOR: Whited Foam and Coatings

JOB LOCATION: Western New York

Equipment: HV 20/35 with Fusion Spray Gun, propane electric generator, Air dryer

Climatic conditions: temperature in upper 60s

Equipment settings: Hose temperature: 118°F, Primary heater "A" side: 123, Primary heater "B" side 117°F

Operating pressure: 850 psi

Static pressure: 1200 psi

Air pressure: 100 psi

Foam thickness applied to walls and underside of the metal roof: 1.5 to 2 inches.



The Maier Farm was established in 1892, and has been supplying the local community with fresh grown produce. "This is an extension of our storage facilities," explained Jim Maier. "It's not our first project using sprayed polyurethane foam. My father had a project done many years ago and it is still performing very well. Our new cold storage facility will be kept at just above 34°F, keeping our apples fresh and crisp."





When completed, this application will be a totally adhered, monolithic and seamless insulation wrap conforming to the wall and underside roof structure. Care was taken by installing a film of polyethylene over the newly installed concrete floor. When installing close to the overhead door entrance, polyethylene was draped over the opening, so as not to have overspray carried outside to the exterior of the metal building.