

Fairview Swiss Cheese Tanks

Installer: **InsulRight**

Location: **Fredonia, PA**

Type of Job: **Tank Insulation, Acrylic Paint**

Square Footage of Job: **7,000 Sq. Ft.**

Equipment Used: **Graco E-30, Gusmer Gap Pro Spray Gun, Bulldog Pump Sprayer**

Number of people needed for the Job: **4 person crew**

Number of days required by the Job: **6 Days**

Special Requirements: **Scaffolding, Fresh Air Respirators, Elastomeric Acrylic Coating, 45 Ft. Boom-lif**

Foam and coatings used: **FOAMLOK CC FL2000 & ThermoFlex 100**

Project Description: The outdoor storage tanks were sprayed with 2 inches of closed cell spray foam to achieve a moisture and thermal seal. The foam was then coated with an elastomeric acrylic coating, Thermo Flex 1000. The unique qualities of the project consist of spraying a consistent 2 inch layer of foam conforming to the perimeter of the tanks. The weather was an issue dealing with Pennsylvania's Fall including high winds and rainy days. The benefits of using the acrylic coating include; a waterproof membrane, preventing substrate degrading UV light, resists staining and dirt pick-up, reduces risks of wind damage and thermal shock. The day after completion, the owner immediately recognized the impact of the foam and was very satisfied.

Benefits of using Foam: The tanks sprayed are intended to process cheese with certain constant temperatures over a period of time. The metal tanks would consistently fight outside temperature changes to maintain the desired temperature inside the tanks. Insulating the tanks with closed cell spray foam will control the desired temperatures inside the tanks to process the cheese more efficiently. Spray foam is the best way to insulate tanks and vessels because of the capabilities to conform to any surface sprayed.



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