

Paris Fine Arts/Cafeteria Building

Installer: **Javier Cruz**

Location: **Paris, KY**

Type of Job: **Roof Replacement**

Square Footage of Job: **15,000**

Equipment Used: **Graco Gusmer 20-35 Pro, Hennes Johnson 56-1 Airless sprayer, Granule Master Dual Hopper w/blower**

Number of people needed for the Job: **6**

Number of days required by the Job: **25 days**

Special Requirements: **Complete tear off of existing fully-adhered membrane. Project required full-body harness and 100% "tie-off" due to unusual shape and slope of roof. Edge metal detail was custom-rolled .080 aluminum one-piece foam stop/fascia. Each piece was 12' long and had to be installed from a man-lift.**

Foam and coatings used: **Gaco Roof Foam System 273, Gaco Sil S-10 silicone coating and 3M granules**

Project Description: Installed new ½" high-density wood fiber recovery board, sprayed foam at 2" thick, covered foam with 2 coats of silicone coating (minimum 26 mils) and broadcast 3M ceramic granules into top coat of silicone. A uniform spray pattern had to be maintained in order to preserve the building's architectural design. The foam application had to be completed prior to start of school; however, a change in the design of the metal detail delayed the fabrication of the custom sheet metal, which necessitated the installation of the metal and foam tie-in on weekends only.

Benefits of using Foam: Spray foam's ability to adhere and conform to unusual slopes/details made this application not only visually appealing, but extremely energy efficient by eliminating all thermal shorts typical of conventional roof applications.



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Category: Roof Foam < 40,000 sq.ft.

