

Hawthorne Estate

Installer: **Elite Insulation & PolyPro LLC**

Location: **Summit Point, WV**

Type of Job: **Cavity wall, roof deck, exterior of walls**

Square Footage of Job: **62,000 board feet of foam**

Equipment Used: **Graco Hxp2 proportioner**

Number of people needed for the Job: **3**

Number of days required by the Job: **28**

Special Requirements: **foam exterior of exterior log walls, foam between logs from interior**

Foam and coatings used: **Lapolla fl200, Lapolla fl500**

Project Description: Home was owned by President George Washington. Was featured on the cover of Spray foam magazine's August 2010 issue. Very unique job requirements included Spraying on the exterior of the 1800's logs with closed cell. Spraying open cell between logs from the interior, without getting foam on the logs that would be left exposed. The whole exterior envelope was retrofitted with foam. Open cell was also utilized for sound between floors. Closed cell was also utilized for two conditioned crawl spaces. Two other 18th century buildings on the property were also spf insulated.

Benefits of using Foam: Traditional insulation would not have sealed the many cracks and voids in this log home built in 1773. The contractor was impressed that he could heat the house with an 80,000 btu heater while construction was still underway. There was an approx. 75% savings in heating/cooling the structure once spf was applied.



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