

Energystar new home

Installer: **Standard Insulating Co. Inc.**

Type of Job: **Sidewalls, ceiling, foundation spray foam**

Square Footage of Job: **2900 sq.ft. floor space**

Equipment Used: **Gusmer H-20/35**

Number of people needed for the Job: **2**

Number of days required by the Job: **5**

Special Requirements: **roof scarfing machine to get uniform 2" thickness**

Foam and coatings used: **Closed cell polyurethane foam**

Project Description: Energystar home that is totally encased in spray foam - sidewalls, all ceilings, foundation walls and foundation floor.

Benefits of using Foam: 1. Installing spray foam under slab created a seamless insulation barrier that allowed masons to pour cement slab without destroying the insulation and vapor barrier. 2. Higher r-value per inch of closed cell foam insulation in sidewalls allowed walls to be framed with 2x4 instead of 2x6. 3. Flat ceiling closed cell foam provides a rigid, airtight insulation system that is wind resistant and somewhat rodent proof. 4. Exterior foundation and slab closed cell foam damp proofed and insulated poured concrete allowing it to become a heat sink to the interior, helping to heat the home and creating the opportunity for future living space without the threat of dampness and mold that can occur with the reverse vapor drive during summer months in the Northeast.



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