

PROJECT:
Synergy Series LPG™ Equipment
Residential Spray Foam Insulation

LOCATION:
Tacoma, Washington

OWNER:
Private Residence

APPLICATOR:
Pacific Coatings

SYSTEM:
Synergy Series Envelo-Seal™ CL 1 PP
Winter Grade Polyurethane Foam
Sprayed with the LPG™ Proportioner

TOTAL AREA:
600 sq. ft.

COMPLETION DATE:
2010

PROBLEM:

This northwest home owner was experiencing substantial heat loss through the uninsulated garage and utility room. Unfortunately, the preventable heat loss issue was increasing monthly energy bills. The home owner needed a reliable insulation solution that would seal off that part of the house and dramatically reduce energy consumption.

SOLUTION:

After reviewing numerous options, the owner decided to use Envelo-Seal™ CL 1 PP spray foam due to its excellent thermal insulation characteristics. In addition, the contracting company recommended using SPI's Synergy Series LPG™ portable proportioner for this project. The use of the LPG equipment for this smaller application was beneficial to the home owner as it is less costly to deploy and set-up time is reduced.

The applicator sprayed a minimum of two inches of Envelo-Seal™ CL 1 PP closed cell foam insulation between the studs. This effectively sealed the previously uninsulated walls and

provided a thermal resistance value of R-13. After applying the spray foam insulation, the applicator nailed gypsum board to the walls to provide a code required thermal barrier.

RESULTS:

The home owner was delighted with the quality of work, and quick turnaround time. Problematic heat loss areas were sealed with the best insulation product available on the market. The monthly energy bills were reduced, providing savings for years to come. The satisfied owner said she would be happy to recommend this product and applicator to anyone who is looking to upgrade their home's thermal insulation performance.

