

# Innovative Insulation Solutions, Ltd.

## Chicago Green Permit – Hybrid House

Installer: **Mike Goodmand and Martin Gudino**

Type of Job: **Entire Building Envelop – Walls and Roof Structure**

Square footage of Job: **2000 Square Foot House**

Equipment Used: **Gusmer HF-1600 / Gap Pro Guns**

Number of people needed for the Job: **1 - Two ma**

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

Special Requirements: **replace this text**

Foam and coatings used: **Corbond Zero ODP**



### Project Description:

The Hybrid House is a 2,000 square foot passive solar, super-insulated, energy efficient single-family residence that was design as a model representing a new paradigm for America. With compact fluorescent lighting through out, energy star rated appliances, a geothermal heat pump for backup heating and cooling, a 4.8 kW photovoltaic array and solar thermal for the production of hot water, this project used all the technology available for energy conservation and clean energy generation. As part of this mix, Mr. Dawson chose Closed Cell SPF insulation because of its superior R-Value per inch and its ability to act as both an air and moisture barrier.

The house had been occupied for seven weeks at the end of 2007, and is performing as expected- near zero energy bill; a model of energy efficiency and clean energy generation.

### Benefits of using Foam:

Closed Cell SPF insulation because of its superior R-Value per inch and its ability to act as both an air and moisture barrier.



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