

SPRAY POLYURETHANE FOAM ALLIANCE

# SPFA NATIONAL INDUSTRY EXCELLENCE AWARDS 2008

CONTRACTOR  
INNOVATIVE INSULATION  
SOLUTIONS, LTD.

PROJECT  
The Yannell Zero Net Energy Home

CATEGORY  
Residential Wall Foam

This LEED Platinum building is a passive/active solar, geothermal heated and cooled, super-insulated, energy efficient single-family residence that was designed to showcase renewable energy. Closed Cell SPF insulation played three vital roles: Thermal Insulation, Vapor Retarder, and downsizing of construction materials. The walls were sprayed to an R-30 and the roof structure was sprayed to R-40. A superior air tight thermal envelope, which minimizes the heating and cooling requirements of the home is central to the Home's Zero Net Energy principle.

