

# Kohls Foam Systems, Inc.:

## Rocky Mountain Institute/Lovins Banana Farm

Installer: **Jon Kohls**

Location: **Snowmass, Colorado**

Type of Job: **Retrofit existing SPF Roof**

Square Footage of Job: **4,000 sq. ft.**

Equipment Used: **Graco/Gusmer H-2035 Pro, Graco 733**

Number of people needed for the Job: **6**

Number of days required by the Job: **4**

Special Requirements: **Lots of prep work (covering windows and more...)**

Foam and coatings used: **BASF- 348 2.8 pound foam, CFS coatings**



**Project Description:** The scope of the project consisted of: Scarifying the entire existing SPF surface to remove UV damaged foam. All scarified materials were collected and reused as blown-in attic insulation on an adjacent structure. Priming the scarified surface with a vapor permeable acrylic latex primer to ensure adhesion and to aid in evaporation of residual moisture in the existing foam. Application of BASF BPFE 348 2.8 pound density SPF with slope to drain. Application of Roof Tek Acry-Tek 9000 acrylic latex elastomeric coatings.

**Benefits of using Foam:** SPF's energy efficiency. The 4000 sq. ft. facility is their home and a research center for the Rocky Mountain Institute. The RMI facility's energy and water savings features are among the most advanced in the world; it uses about a tenth the usual amount of household electricity (mostly solar generated) and it uses less than half the normal amount of water. Because the building is super insulated, it has no heating system in the usual sense. It is 99 percent heated by passive solar gain through the windows and greenhouse.



**2009 SPFA Industry Excellence Awards**

**Category: Roof Foam < 40,000 sq. ft.**

