

# Weld County Middle School

## Application

11,236 square feet of R-Control® structural insulated panels were specified for the construction of the roof of the new Severance Middle School in Weld County, Colorado.

## Project Details

Spring 2009, architects specified R-Control® structural insulated panels to frame the unique architectural features on roof sections of Severance Middle School. "We chose SIPs for the rotunda roof and two-storey gable roofs at Severance Middle School because of some special design challenges," explained Rebecca Spears of RB + B Architects. "First there were large vaulted areas and we wanted to cut down the number of bar joist supports where there is exposed structure. The SIPs provided the long spans we needed. SIPs also offered ample nailing surface for the installation of the beetle-kill pine decking used for the ceiling in each of these areas."

The 8-1/4" and 12-1/4" panels were quickly and easily secured in place, providing a continuous wood surface without thermal breaks. Crew members at Precision Panel Colorado installed over 1,500 square feet of R-Control® roof panels in approximately 45 minutes. "The R-Control SIPs provided our customer with a great product that met their required R-Value and at the same time allowed us to accomplish an extremely efficient installation," said Greg Gabler of Precision Panel Colorado.

## Structural Insulated Panels (SIPs)

### Weld County Middle School

- Severance, CO
- Spring 2009
- R-Control® Structural Insulated Roof Panels
- 11,236 Square Feet

### Architect

Rebecca Spears  
RB + B Architects

### Engineer

Mike McDonald  
Juan Coronado  
JVA Inc.

### Distributor

Greg Gabler  
Precision Panel Colorado



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