

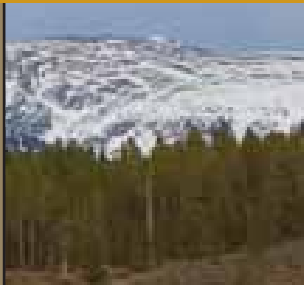
# InsulStar® High Performance Insulation:



Raising The Bar; InsulStar® is one of many top performing products used by a Colorado builder to create energy efficient homes. A new community in the Colorado mountains near Denver sets itself apart by utilizing only the finest products in every category, including energy-saving InsulStar.

## PROBLEM

- > Extremely cold mountain temperatures create need for extremely energy efficient homes
- > Noise from nearby railroad is also a concern



Fraser, Colorado has long been nicknamed "The Icebox of the Nation." This town near the popular Winter Park ski resort has an average annual temperature of 34.8 degrees and regularly hits lows of minus-40 in the winter. So when developers began planning a new community in Fraser called Grand Park, energy efficiency for the 1,800 to 3,300 sq. ft. homes was a primary concern. Noise was also a concern, as the Union Pacific railroad runs through the Fraser Valley. Finally, the developers wanted to make the community as environmentally friendly as possible.

## SOLUTION

- > Builders use only the highest performing, most energy efficient products, including InsulStar
- > InsulStar offers exceptional insulating ability, lack of air infiltration, and noise dampening
- > Resulting energy savings also make the homes environmentally friendly



The decision was made early on to only use the best products and create homes of unmatched quality in this area. "Grand Park is a real stand-out project in this market," says Kirsten Laraby, Marketing Director at Grand Park. "The products we chose to use are the highest performing products in their industry." Double insulated Semco Windows, clean burning Buderus Boilers, and energy efficient Warmboard radiant heating were among the brands chosen. When it came to insulation, the decision to use InsulStar closed-cell spray-in-place polyurethane foam (SPF) from NCFI was "an easy choice," says Project Manager Adam Myers.

"We really liked the energy efficiency side of InsulStar," Myers says. "We did extensive research on open and closed cell insulation for this altitude and this application, and at the end of the day we found that InsulStar was, by far, the best." Myers noted that insulation systems other than SPF, like fiberglass and cellulose, especially when not installed perfectly, are susceptible to uncontrolled air leakage and air infiltration accounting for up to 40% of energy loss. In an area with especially harsh winters like Fraser, this uncontrolled leakage can contribute to premature building deterioration, condensation, spalling, ice damming, poor indoor air quality, and mold growth. Using InsulStar will not only reduce energy bills, it will eliminate the damaging air leakage. In addition, by forming a barrier that seals the walls to prevent air penetration, InsulStar also helps block outside noise.

Myers also points out that the energy savings produced by InsulStar make it environmentally friendly. "The environment and our impact on it has become increasingly important to our society, the same holds true for our company. This product aligns itself nicely with the values of our firm. It truly is a great match."

## RESULTS

- > Homes in this development set a new area standard for quality, energy efficiency, and comfort



Adam Myers believes Grand Park will set a new standard for homebuilders in the Fraser area. "We think that we've accomplished our goal," he says proudly, "to raise the bar in both the valley and the market. You can visit any other development in the valley and we're comfortable that you won't find this level of quality, whether it's the fixtures that we're utilizing or what you can't see behind the walls or in the roof system, like InsulStar." The first phase of Grand Park, Cozens Meadow neighborhood, is now being completed and the homes are already beginning to sell. Kirsten Laraby is confident that, as people discover all Grand Park has to offer, the community will grow quickly. "We are the closest major resort to Denver, and the easiest to get to. We have amazing recreation, a world class ski resort, and dramatic mountain scenery," she says. By utilizing InsulStar and other products of similarly high quality, a community of environmentally friendly, energy efficient homes is being created to make living there even more enjoyable.

Learn more at [www.InsulStar.com](http://www.InsulStar.com) or by calling 1-866-NSULATE (1-866-678-5283).

**InsulStar®**  
HIGH PERFORMANCE INSULATION

