

Gibbons Home

Gibbons, Alberta, Canada



Edmonton area builder relies on Plasti-Fab® insulating products to construct energy-efficient homes

"I love working with energy-efficient products—there is really no other way to build," said builder Scott Jackel, who has been constructing increasingly energy-efficient homes in the Edmonton area over several years. His latest project is a 1,540 sq. ft. home in Gibbons, Alberta that uses an airtight building envelope to drastically reduce heating and cooling costs.

The home's energy efficiency starts below the ground with two inches of PlastiSpan® HD Insulation beneath the concrete slab. Then, Jackel constructed the basement using the Advantage ICF System® purchased through LBH Building Centre in St. Albert.

"Advantage is a great building block, it goes together easy and it is a product that won't have moisture issues like those that occur in basements insulated with batt insulation," said Jackel. "Everyone else I know that has used Advantage has had great success and been happy with the support they received."

For the above grade walls, Jackel used the Insulspan® Structural Insulating Panel (SIP) System to minimize air leakage.

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"This is the first time we've used SIPs," he said. "They are very energy efficient and a wonderful product to work with."

To match the performance of the ICF and SIP systems, triple pane windows were specified along with R-60 attic insulation.

"Anyone can stick frame a home," said Jackel. "But knowing that we build homes of such high quality helps me sleep easier at night."

"Scott's team did an awesome job integrating PlastiSpan HD insulation, the Advantage ICF System and Insulspan SIPs on this house," said Plasti-Fab Representative Doug Dyck. "I look forward to supporting him on his next project."



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