Moodie Residence

Priddis, Alberta, Canada

Priddis homeowner Garry Moodie simplifies construction and lowers his energy bills with Plasti-Fab® insulating products

As Garry Moodie approached retirement, he started working with local architect Wanda Dalla Costa to design his ideal retirement home on a section of property in Priddis, Alberta that had been in his wife's family for nearly 50 years. Moodie is the owner of Two Guys HVAC, a successful heating and air conditioning installation contractor in the Calgary area. He planned to serve as the general contractor, with his HVAC crews helping construct the 2,600 sq. ft. home.

"We felt the recession coming on and I thought it was a good way to keep the guys busy and build my house," said Moodie.

His desire for an energy-efficient home and his crew's inexperience with concrete construction led him to choose the Advantage ICF System® for the below grade walls of the home. Advantage ICFs create an insulated monolithic concrete wall with an effective R-value of R-23, 40 percent greater than typical concrete wall construction.

Moodie then used the Insulspan® Structural Insulating Panel

(SIP) System for the above grade walls and roof of the home. Having no previous experience with Insulspan SIPs, his crew was amazed at the simplicity of Insulspan's ready-to-assemble system.

"I made several onsite visits—his crew caught on quickly and the installation went very fast," said Plasti-Fab Representative Colin Showalter.

Energy efficiency was just as much of a concern for Moodie as the ease of installation. The Insulspan SIP System delivers continuous, high R-value insulation and an airtight building envelope for maximum energy efficiency. Moodie added an extremely efficient HVAC system, energy saving windows and radiant heating in the basement.

"Building energy efficient is about lowering emissions, protecting the environment, and also because I don't want to have huge energy bills in my retirement," said Moodie. "I just don't want to have to worry about that."

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