

Net Zero Home



PROJECT OVERVIEW

Project Name:	Net Zero Home
Project Type:	Net Zero Residential
Location:	Saint John, New Brunswick
Size (Sq.Ft.):	3,600 Sq.ft
Floors:	2 Storey
Installer:	MCL Construction Ltd.
Product(s) Used:	Amvic™ ICF R30 Block

Q+A:

Q. *What is the major benefit of using ICF's over alternative construction methodologies?*

A. The major benefit of using ICF's over other construction materials is that you are able to build a sustainable, energy efficient structure easier and faster.

Q. *Why did you choose Amvic ICFs?*

A. We chose Amvic because the plus form is thicker which provides impressive strength; when pouring the concrete there were virtually no gaps where concrete leaked out.



Alleguard Advantage

- Time and labour savings
- Disaster Resilience
- Strength and durability
- Lower heating/cooling costs
- Client confident in their investment
- Less damage and waste on site
- Superior thermal performance
- Excellent Sound Attenuation

Installer Quote

"We are MCL Construction Ltd. a local custom home builder in Quispamsis, New Brunswick and a Certified Master Builder of the Canadian Home Builders Association New Brunswick. We focus on energy efficiency and superior building techniques in our projects to provide a home that will last and be affordable to operate for the owner. Insulated concrete forms allow us to provide a much higher effective R-value in our building design along side a stronger structure. With warmer homes and superior air tightness we can provide superior comfort and operation of the homes we build. We achieved the construction of a Net Zero Home certification by using the ICF as our building envelope. ICFs reduce our time and labour in our basements and above walls because the insulating is completed while the blocks are put together. We don't need to go back and complete that process like a conventional foundation or wood framed walls. We are leading the way with energy efficiency in our province and we continue to build and renovate homes that pay the customer back. We are provincial award winners and are finalist for the best Net Zero Home in Canada."

*--Brad McLaughlin,
MCL Construction Ltd.*

