

Redefining building.

Project Profile - Institutional

■ **Project Type**
church

■ **Project Specs**
10,000 sq.ft. addition
100% of exterior walls
built with ARXX ICF

■ **Time line**
ICF frost walls and main walls
completed in 3 weeks

■ **Distributor**
Castle Block Distributing,
Dublin, Ontario

■ **Contractor**
Cronin Contracting Inc.,
Dublin, Ontario

■ **Architect**
Dickinson & Hicks Architects Inc.
Orangeville, Ontario



Forest, Ontario

FOREST BAPTIST CHURCH

Project Details

Time was of particular importance with this project. By using ARXX ICF, the envelope was constructed quickly and efficiently, all the while giving the owners and parishioners the benefits of a sustainable structure. By using ARXX ICF, the client was able to get the most energy efficient building, even with the tall walls.

The main floor walls of this addition were 26 ft high. By utilizing the Tall Wall System, the walls were able to be constructed in one continuous pour.

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NAHB
NATIONAL ASSOCIATION
OF HOME BUILDERS





Forest, Ontario

FOREST BAPTIST CHURCH

Energy Efficiency

ARXX products ensure superior energy-efficiency through energy code R values, low air infiltration, no thermal bridging and continuous thermal mass.

Cost Effective

ARXX ICF can be installed with just one crew; therefore reducing labor costs, increasing the speed of construction and enabling earlier completion dates and occupancy earnings.

Reduced Life-cycle Costs

With virtually no air infiltration, a structure built with ARXX ICF will help reduce the load on HVAC systems, resulting in lower capital costs for equipment plus lower operating costs for the life-span of the building.

Structural Integrity

Steel-reinforced concrete creates strong, solid walls that can withstand high wind speeds of 150 mph or more and can hold up against wind-blown debris travelling over 100 mph. ARXX ICF can also be designed for all seismic zones.



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