

## Welcome to the Teixeira EnviroHome

This home was designed to deliver exceptional comfort, low maintenance, energy efficiency and healthier indoor air. It is one of the most energy-efficient new homes in Canada, using 60% less energy than a similar home built to current Ontario Building Code requirements.

Here are some of the features you should look at as you tour the home:

- \* The exterior walls are built with IntegraSpec<sup>®</sup> insulating concrete forms (ICF) rather than wood framing. ICF walls combine rigid insulation with steel and concrete to provide an exceptionally strong, quiet home that is easy to heat. Interior walls are framed with steel studs.
- \* The main floor is a reinforced concrete slab supported by Hambro<sup>®</sup> steel floor joists. Wirsbo<sup>®</sup> radiant heating tubes are embedded within the floor, and warm water circulating through these tubes heats the concrete. This provides all the space heating in the home. The floor temperature is kept at about 26° C. Radiant heating is also installed in the basement floor.
- \* This is an R-2000 home and has passed the toughest independent quality assurance tests used in Canada. The home has been certified by the Government of Canada and surpasses the R-2000 Standard by a substantial margin.
- \* A high-efficiency oil-fired boiler in the basement provides both space and hot water heating. A solar collector mounted on the roof provides additional free hot water.
- \* An energy recovery ventilation system provides fresh air throughout the home. This system recovers heat from exhaust air, reducing heating costs.
- \* High-performance windows provide lots of light without driving up heating bills.
- \* This home also generates electricity using a photovoltaic panel on the roof. Some of the electrical circuits in the home run on this free solar power.



A Home  
with a  
Difference

