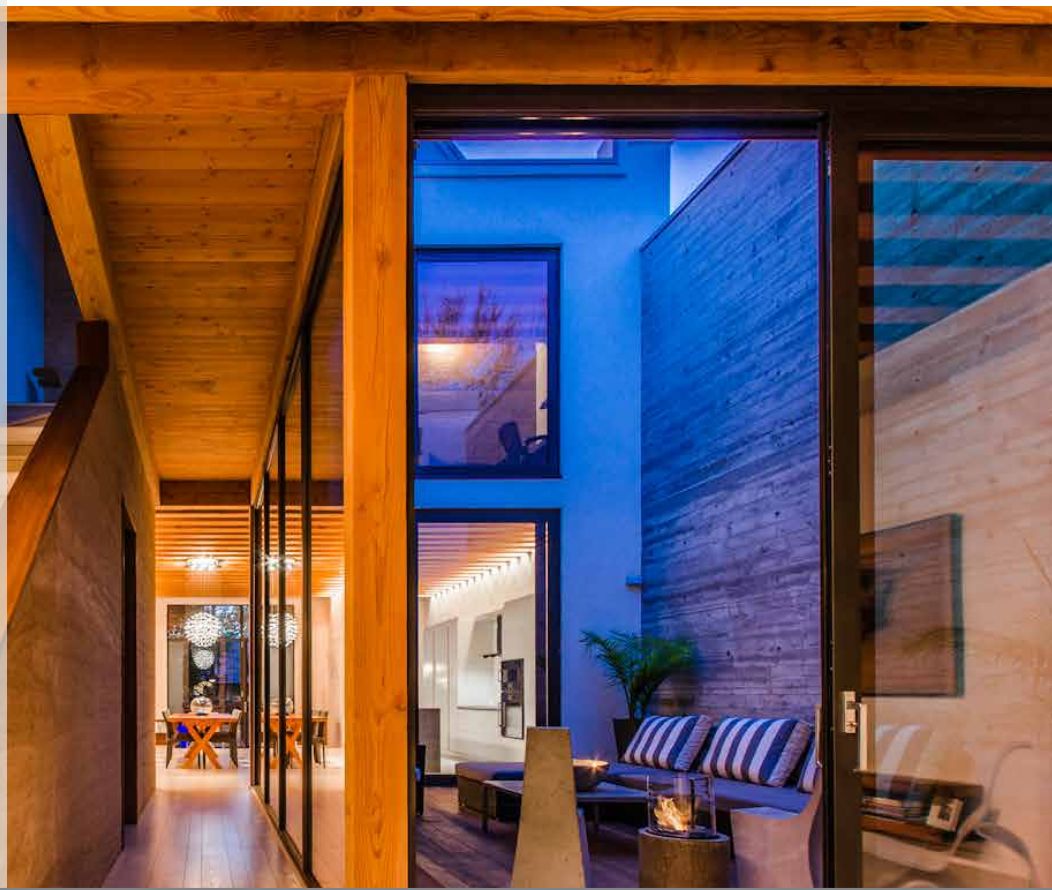


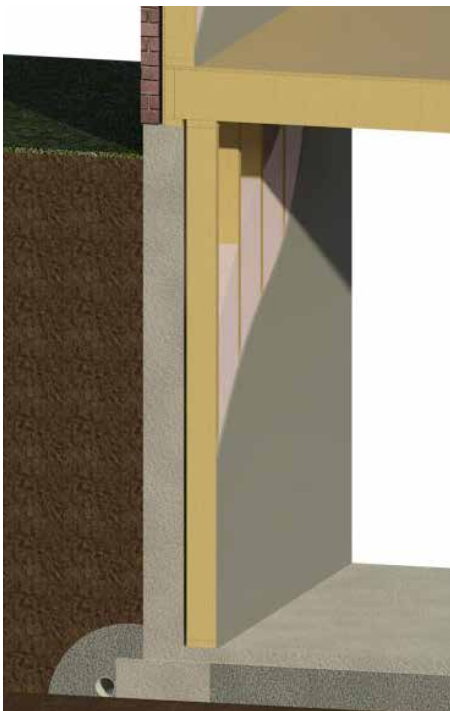
NUDURA Insulated Concrete Forms, the **better** choice for your basement solution.

Building Has Evolved[®] and insulating basement walls with NUDURA provides greater insulation performance ratings, resulting in superior energy efficiency and comfort to any home.

The combination of rising energy requirements and fuel costs means that we need to make the most of building technology for insulating basement walls in homes.



Which **home** would you prefer to pay the **energy bill** for?

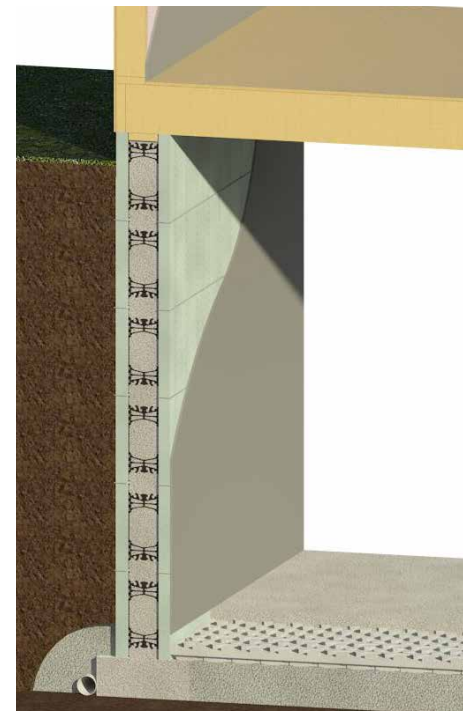


Traditional Foundation

- Thermal bridging
- Water intrusion due to lack of exterior insulation
- Additional insulation is required on above grade walls.
- Susceptible to rot, mildew and mold
- Contact with moisture compromises R-value
- Penetrations from ties provide access points for water
- Lack of wall reinforcement can result in cracks

NUDURA Foundation

- Improved energy efficiency eliminates cold spots and thermal bridging
- Provide full height continuous EPS insulation on both above and below grade walls
- EPS insulation material prohibits mold, mildew and rot
- EPS insulation acts like a water barrier on both sides (waterproofing on the exterior adds additional barrier).
- Walls include horizontal rebar preventing concrete from cracking



Feel the NUDURA home difference

Traditional Construction

Mold, mildew and rot

- Condensation can develop in the wall cavity creating an ideal environment for mold and mildew.
- Wood studs and fiberglass are susceptible to rot
- Mold is hard to detect as they develop behind the drywall or gypsum board

Wet basements and water intrusion are a common problem

- Form ties required for traditional construction can allow water intrusion into the wall cavity
- Horizontal rebar is not required in a conventional concrete foundation and can lead to cracks in the wall, opening a pathway for water intrusion and requiring a costly repair.

Insulation can be compromised by moisture

- Fiberglass batt insulation absorbs the water and severely compromises the R-value
- Moisture problems often remain hidden in the wall cavity and create health hazards, high energy bills and renovation costs to fix the damage.

Cold & damp

- Wood wall framing and fiberglass batt insulation do not address thermal bridging, unwanted air infiltration and energy loss at the sill plate.
- Thermal bridging and moisture in the wall cavity lead to cold spots and temperature variation. Thermal bridging at the slab will create a cold floor.

Construction Restrictions

- Traditional concrete foundations have more steps, require more trades and man power, and take more time to set up.
- Forms and equipment are often required on another site making job schedules dependent on other jobs, rather than homeowner and contractor schedules.
- Forms are only available in standard sizes, limiting design possibilities.

More concrete required

- Foundations built using traditional forming methods typically need to be 8" or 10" wide to meet code - requiring more concrete and resulting in increased material costs.



NUDURA ICF Construction

Eliminates the risk

- NUDURA ICFs cover the foundation wall with EPS insulation eliminating the potential for condensation and prohibiting the growth of mold, mildew and rot.

Eliminates water intrusion and cracking in the wall.

- Two layers of EPS insulation provide additional protection against water intrusion
- NUDURA ICFs have steel rebar in the concrete core, providing the structural solution to eliminate cracking in the concrete that could lead to water penetration.
- NUDURA's Waterproofing Membrane on the exterior of a NUDURA ICF foundation wall provides the final barrier to preventing water intrusion into the basement.

High performance insulation

- The EPS insulation on NUDURA ICFs do not absorb moisture so there is no compromise of R-value and no hidden health hazards.

Comfortable, warm and dry

- NUDURA offers superior performance when it comes to thermal bridging, resulting in even temperatures throughout your home with reduced drafts and cold spots, which optimizes energy performance.

Fast, easy and cost efficient

- NUDURA ICFs are easy to cut, can form curved walls and be built on bedrock, footings and slab-on-grade
- NUDURA ICFs are lightweight and easy to handle
- The forms provide the structure, insulation, fastening strips, vapor, air and sound barrier into one step

Higher strength with less concrete

- NUDURA ICFs result in concrete curing to strength stronger than a conventional concrete wall.
- Building with NUDURA results in a stronger, more energy efficient, more comfortable and more environmentally friendly building.