THE BEST SOLUTION PLUS

Xi+
X-TRA INSULATION PLUS

SUPERIOR WALLS Xi+ FOUNDATION SYSTEM

MADE IN CANADA

INCLUDES R-23 INSULATION BUILT-IN

DRY
Your permanent barrier against sidewall water penetration

1. Clean Crushed Stone Footing Shown (Standard Concrete Footing or Piles may also be used)
2. Auxiliary Drain Pipe
- Superior Sealant® Applied in All Joints for Permanent Moisture Barrier

WARM
Warmer in winter, cooler in summer... reduces your home's energy loss

3. 5" Neopor® Rigid Thermal Insulation
4. 1" Foam Insulation on Concrete Studs
5. 1" Foam Insulation on Bond Beam
6. 1" Foam Insulation on Footer Beam

SMART
Ready to finish...with pre-engineered access built-in

7. Access Holes for Ease in Wiring and Plumbing
8. Galvanized Steel Stud Facing Ready for Drywall Finishing
- CAD Custom-Designed to Virtually Any Home Style
- Laser-Leveled to be Plumb, Level, Square
- Installs on Your Site in Just Hours for Time and Money Savings

SUPERIOR
Created in a controlled factory environment to ensure that your new home's foundation will be built to the industry's highest standards...

- 5,000+ PSI (34.4 Mpa) Concrete for Superior Strength
9. Horizontal Steel Rebar Inside Top and Bottom Beams
10. Steel Reinforced Top Bond Beam
11. Vertical Steel Rebar (Inside Each Stud)
12. 1-3/4" Concrete Face Shell
13. 10-1/4" Overall Wall Thickness
14. Steel Reinforced Concrete Studs
15. Steel Reinforced Footer Beam
16. Concrete Floor
17. 4" Thick Footer Beam, No Need for Additional Screed Board

Superior Walls®
THE FOUNDATION OF EVERY SUPERIOR NEW HOME™

Special Note: Items #1,2,&16 as well as the joist/flooring system are provided on site per Superior Walls specifications by builder and contractors as an integral part of the Superior Walls foundation system.

www.superiorwalls.ca

X²I⁺ ™

X-TRA INSULATION PLUS

EXTRA STRENGTH.
EXTRA INSULATION.

- **Provided with Neopor® Rigid Thermal Insulation = R-23**

- **5000+ PSI concrete reinforced with rebar and polypropylene fibers**

- **Precast access holes for wiring and plumbing**

- **Thermally isolated/insulated from exterior**

- **Insulated corners, studs and bond beam**

- **Monolithically poured = greater strength**

- **Galvanized steel stud facing**

- **May be insulated up to R-42+**

- **Precast openings for windows and doors**

- **Reduces building time**

- **Ready in virtually any weather**

Superior
In Every Way.

Product Description

Superior Walls foundations feature patented, insulated, precast concrete wall panels that are formed in a factory-controlled setting and delivered to the new home job site, where the panels are lifted into position with a crane and carefully bolted together and sealed. The walls are custom-designed and built to virtually any architectural style, complete with window and door openings. *For more information see: www.superiorwalls.ca.*

Superior Walls panels are available in a variety of standard heights and custom lengths to suit your project. The maximum axial load (uniform house weight) for this product is 7500 pounds per linear foot. Special point loads up to 50,000 pounds can be accommodated.

QUALITY ASSURANCE Each manufacturing plant is regularly inspected by an independent third-party inspection agency to ensure compliance with the Quality Assurance program. In addition, manufacturing and installation personnel are certified by *Superior Walls of America, Ltd.*

DAMPPROOFING The concrete used in the *Superior Walls* wall systems provides protection against freeze/thaw cycles and water vapor transmission. The urethane sealant used between panels provides superior protection against water penetration.

VAPOR BARRIER No Vapor barrier required. Permeance of the Superior Walls panels have been tested in accordance with ASTM E96.

FIRE RESISTANCE Neopor® Insulation exhibits the following surface burning characteristics: flame spread of less than 25 and a smoke developed index of less than 450.

Superior Walls products qualify as a two-hour fire separation wall when two layers of 5/8" Type 'X' drywall are applied to the studs.

Superior Walls brand products are manufactured and installed by independently owned and operated factories licensed by Superior Walls of America, LTD. Check with your local Superior Walls representative for availability.

Superior Walls®
www.superiorwalls.ca

MADE IN CANADA

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