

THE BEST SOLUTION



SUPERIOR WALLS Xi FOUNDATION SYSTEM



DRY

Your permanent barrier against sidewall water penetration

- 1 Clean Crushed Stone Footing
- 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 2-1/2" Dow® Extruded Polystyrene Insulation
- 4 1" Foam Insulated Concrete Studs
- 5 1" Foam Insulation on Bond Beam

SMART

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

- 6 Access Holes for Ease in Wiring and Plumbing
- 7 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 Concrete for Superior Strength
- 8 Horizontal Steel Rebar Inside Top and Bottom Beams
- 9 Steel Reinforced Top Bond Beam
- 10 Vertical Steel Rebar (Inside Each Stud)
- 11 1-3/4" Concrete Face Shell
- 12 10-1/4" Overall Wall Thickness
- 13 Steel Reinforced Concrete Studs
- 14 Steel Reinforced Footer Beam
- 15 Concrete Floor

Special Note: Items #1, 2, & 15 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.



Superior Walls®

THE FOUNDATION
OF EVERY SUPERIOR NEW HOME™

www.superiorwalls.com



EXTRA STRENGTH. EXTRA INSULATION.

- **Provided with 2-1/2" of insulation = R-12.5**
- **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-50+**
- **No additional dampproofing required**
- **Precast openings for windows and doors**
- **Reduces building time**
- **Ready in virtually any weather**

Superior In Every Way.

General Specifications

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.com.*

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. Therefore, no additional dampproofing materials are required.

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

FIRE RESISTANCE *Superior Walls* products do not require the attachment of a 15- minute thermal barrier. Ref ICC-ES ESR-1662.

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 of America manufacturers are independently owned and operated. Check with your local Superior Walls representative for availability.



Superior Walls
937 East Earl Road
New Holland, PA 17557

800-452-9255
www.superiorwalls.com