THE BEST SOLUTION

SUPERIOR WALLS
Xi FOUNDATION SYSTEM

TM

X-TRA INSULATION

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.

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

1. Clean Crushed Stone Footing
2. Auxiliary Drain Pipe
3. Superior Sealant* Applied in All Joints for Permanent Moisture Barrier

DRY
Your permanent barrier against sidewall water penetration

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

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

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

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

2-1/2” Dow Extruded Polystyrene Insulation
1” Foam Insulated Concrete Studs

5. 1” Foam Insulation on Bond Beam

10. Horizontal Steel Rebar Inside Top and Bottom Beams
11. Steel Reinforced Top Bond Beam (Inside Each Stud)
12. Vertical Steel Rebar (Inside Each Stud)
13. 1-3/4” Concrete Face Shell
14. 10-1/4” Overall Wall Thickness
15. Steel Reinforced Concrete Studs
16. Steel Reinforced Footer Beam

Concrete Floor

5,000+ PSI Concrete for Superior Strength

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THE FOUNDATION
Of Every Superior New Home

www.superiortwalls.com
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