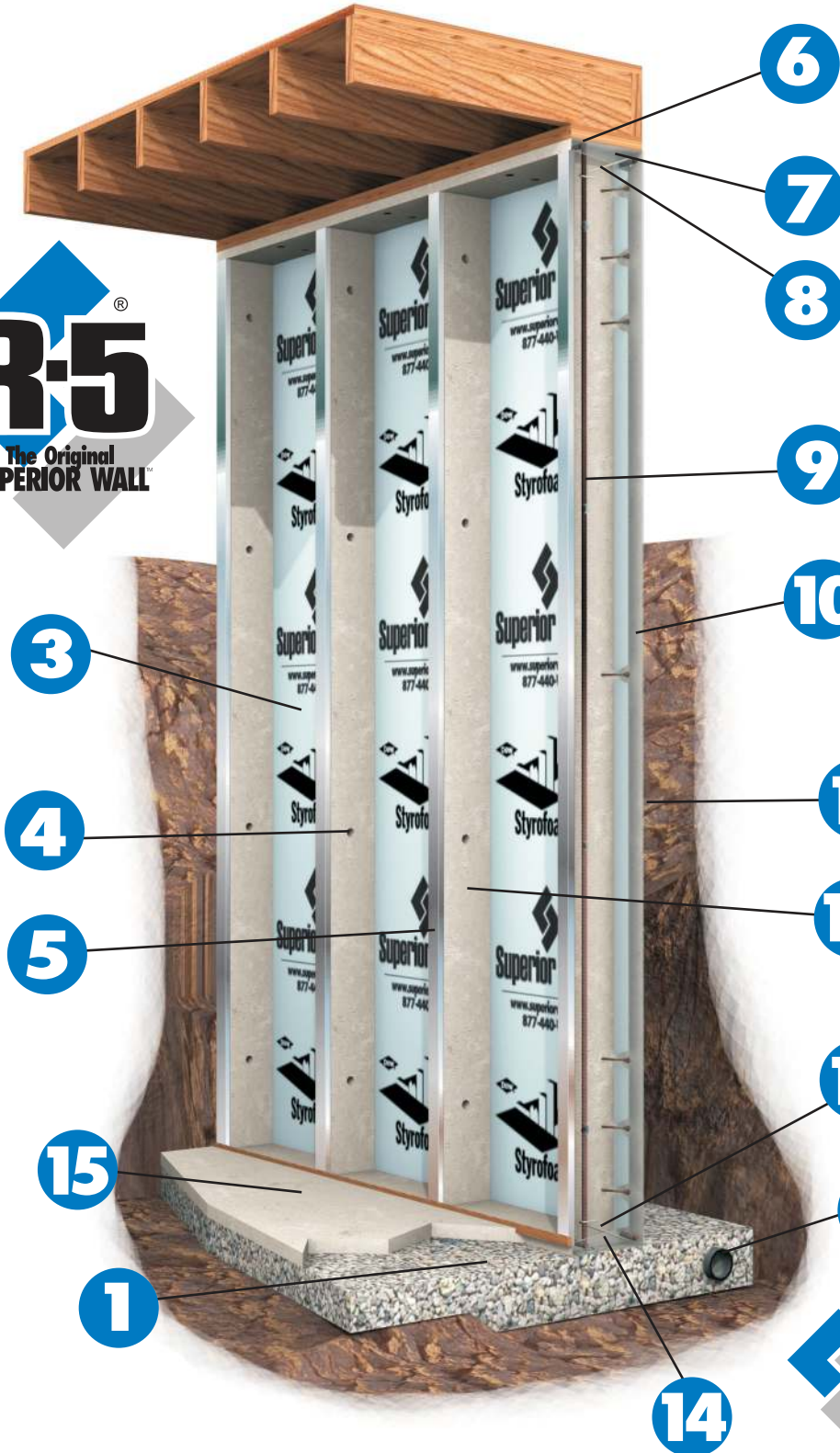


A BETTER SOLUTION

R-5 GALVANIZED STUD FACING 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 1" Dow® Extruded Polystyrene Insulation (R-5) Built-In
- Up to R-50 Optional On-Site

SMART

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

- 4 Access Holes for Ease of Wiring and Plumbing
- 5 Galvanized Steel Stud Facing or Treated Wood Nailers (at some locations)
- 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
- America's Strongest Foundation Guarantee*

SUPERIOR

Steel reinforced...and backed by the industry's strongest guarantee*

- 5,000+ psi Concrete for Superior Strength
- 6 Horizontal Steel Rebar
- 7 Steel Reinforced Top Bond Beam
- 8 Top Shear Connector
- 9 Vertical Steel Rebar (Inside each Stud)
- 10 1-3/4" Concrete Face Shell
- 11 10-1/4" Overall Wall Thickness
- 12 Steel Reinforced Concrete Studs
- 13 Bottom Shear Connector
- 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 builders and contractors as an integral part of the Superior Walls foundation system.

**See the limited warranty. Contact your local Superior Walls representative for details*



Superior Walls
THE FOUNDATION
OF EVERY SUPERIOR NEW HOME™



- Provided with 1" of insulation = R-5
- 5000+ PSI concrete reinforced with rebar and polypropylene fibers
- Precast access holes for wiring and plumbing
- Insulated galvanized stud facing
- May be insulated up to R-50+
- Precast openings for windows and doors
- No additional dampproofing required
- Reduces building time
- Ready in virtually any weather

**Superior
In Every Way.
Guaranteed.***



*See the limited warranty.
Contact your local Superior Walls
representative for details

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

STYROFOAM(TM) is a Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow.

General Specifications

Superior Walls products are insulated precast concrete wall systems that are custom manufactured to each building's specification. The R-5 product forms a concrete cavity wall panel with concrete studs at 24 inches on center attached at the top and bottom with bond beams and the entire assembly is faced with an integral concrete face shell. The wall is reinforced with rebar for added strength. In addition, the concrete studs are cast with holes for wiring and factory attached insulated galvanized stud facings for interior finishing.

Superior Walls R-5 panels are available in heights of 4'-0", 4'-8", 8'-2", 9'-0", and 10'-0" and in custom lengths to suit your project. The maximum axial load (uniform house weight) for this product is 5500 pounds per linear foot. Special point loads up to 40,000 pounds can be accommodated.

WARRANTY* The *Superior Walls* R-5 product is warranted for 15 years against defects in workmanship and side wall water penetration.

QUALITY ASSURANCE Each manufacturing plant is regularly inspected by an independent third-party inspection agency to insure 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 *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 The closed cell polystyrene material in the Dow STYROFOAM™ Insulation provides a vapor barrier for *Superior Walls*.

FIRE RESISTANCE Dow STYROFOAM™ Insulation exhibits the following surface burning characteristics: flame spread 5 and smoke developed 165.

Superior Walls R-5 wall panels do not require the attachment of a 15 minute thermal barrier over the foam plastic as proven by UBC 26-3 and equivalent UL 1715 tests.

The wall system also qualifies as a two-hour fire separation wall when 2 layers of 5/8" Type 'X' drywall are applied to the studs.

