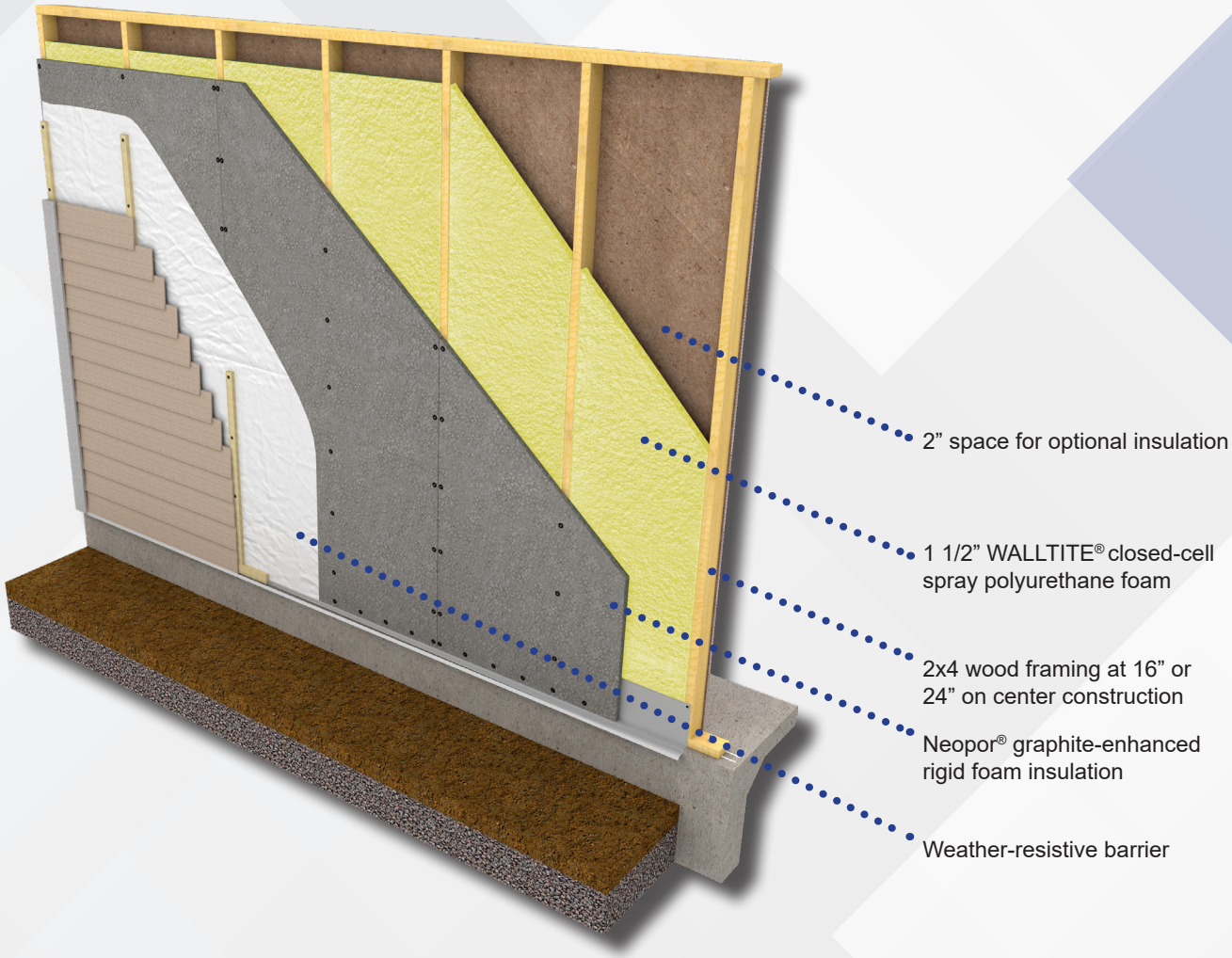
BASF
We create chemistry

HP+™ Wall System
E Series

The HP+ Wall System E Series is a durable, structural assembly that meets or exceeds codes while using less wood than traditional construction, resulting in exceptional energy and cost efficiency.



Build Stronger
Create stronger, more durable structures while using less wood

Build Smarter
Create an envelope that exceeds all current energy efficiency standards

Build Sustainably
Show your commitment to the environment with a wall system that doesn’t waste materials

Systematic Success.

The HP+™ Wall System E Series is designed to deliver a smart new way to build high performance homes affordably.

The wall assembly features the following:

- 2x4 wood framing at 16” or 24” on center construction
- Neopor® graphite-enhanced rigid foam insulation available in different thicknesses and R-values to fit your climate zone needs and code requirements
- Weather-resistive barrier

From the inside of the wall:

- 1 1/2” WALLTITE® closed-cell spray polyurethane foam
- 2” space for optional fill insulation (fill insulation types include additional WALLTITE spray foam, cellulose, fiberglass batts or blow-in-blanket system)

The HP+ Wall System E Series is just one of the offerings in our growing portfolio of HP+ Building Enclosure Systems. BASF provides you with the expertise and solutions you need to meet new and changing codes and build affordable, sustainable high performance homes.

Visit us at www.spf.basf.com/builders/hp-wall or call 1-888-900-FOAM (3626) to learn more.

+ Strength in Numbers.

By incorporating advanced framing and combining control layers into a single wall design, the HP+ Wall System E Series increases structural integrity while reducing lumber content and eliminating the need for plywood or OSB sheathing. When properly designed and installed, the HP+ Wall System can offer one of the best values available for residential construction. Benefits include:

- Can reduce lumber content by up to 25%
- Stronger walls, with a design capacity up to 35% greater than a wall with typical framing and fully sheathed OSB
- Provides seismic shear strength
- Improved moisture management, which can increase thermal and structural performance and reduce builder callbacks

+ Keep the Outside Out: Thermal, Air Moisture and Water

With integrated heat, air, moisture and vapor flow management in a single system, the HP+ Wall System E Series offers crucial control of outside elements.

- Provides higher thermal performance in standard dimension wall cavity, preserving your square footage
- Achieves up to R-24 or better in a 2x4 building construction configuration
- Reduces thermal bridging with continuous insulation and fewer framing members
- Achieves optimum effective R-value performance by air sealing the wall assembly

+ Up the Efficiency. Up to Code.

With the HP+ Wall System E Series, you have a high performance assembly which improves energy efficiency while meeting stringent code requirements, all with reduced liability to you.

- Tested structural design values in the third-party Technical Evaluation Report (TER 1403-01)
- Provides an effective and affordable means of improving your Home Energy Rating System® (HERS) scores
- Improves moisture management, mitigating moisture-related losses
- Can reduce condensation risk
- Reduces heating and cooling loads and associated utility usage

HP+ Wall System calculations are based on AWC Special Design Provisions - Wind and Seismic (SDPWS), Section 4.3; Equations were derived from ASTM E2126 testing. OSB wall calculations are based on AWC Special Design Provisions - Wind and Seismic (SDPWS), Section 4.3. Results may vary depending on wall configuration.