HP+™ Wall System

The HP+ Wall System is available in multiple assemblies, each engineered to include a unique combination of the following select products from BASF's proven portfolio, based on your unique construction approach, materials and geographic mandates and requirements:

WALLTITE®
High-performance insulating air barrier material

NEOPOR®
Graphite-enhanced rigid thermal foam insulation

ENERSHIELD®
Water-based, fluid-applied, vapor permeable or impermeable air/water-resistive barrier

Achieve exceptional energy and cost efficiency in your residential construction projects with BASF's HP+ Wall System. These purpose-built assemblies bring together select proven BASF products into single, integrated systems to deliver you exceptional control of heat, air and moisture. Part of our BEYOND.High Performance® systems-centric approach to sustainable construction, the HP+ Wall System provides durable structural resistance to help you meet or exceed codes while using less wood than traditional construction.

BASF
We create chemistry

Get with the system.

As a construction expert in today's ever-changing residential marketplace, you are constantly looking for powerful ways to differentiate yourself from your competition. BASF is here to help you do just that, with our revolutionary HP+™ Wall System. Featuring high-performance, easy-to-build assemblies that combine proven BASF products into a layered system, the HP+ Wall System goes beyond the four walls to care for the entire building envelope.

A first-generation innovation in our groundbreaking BEYOND.High Performance® approach to construction, the HP+ Wall System is part of a growing portfolio of HP+ Building Enclosure Systems that, when paired with our HP+ Consultative Solutions, helps you enhance your specific value propositions, meet new and changing codes and affordably build more sustainable high-performance homes.

Visit us at www.basfbeyondhome.us or call 888-307-6602 to learn more.

Increase Strength in Your Structures

By incorporating advanced framing and combining control layers into a single wall design, the HP+ Wall System can help you increase structural integrity, reduce lumber content and eliminate the need for plywood or OSB sheathing.

- The design capacity of the HP+ Wall System Standard is up to 130% greater than the design capacity of a wall built with standard framing and OSB with full sheathing, making the HP+ Wall System a much stronger option for the homes you build [1]
- Exceeds current codes in compressive strength; single plates with no direct load path required
- Can reduce lumber content by up to 25%

Build a Better Barrier: Thermal, Air, Moisture and Water

The HP+ Wall System can help your structures be more durable and code-compliant, delivering exceptional integrated control of heat, air, moisture and vapor flow in a single system.

- Provides higher thermal performance in standard dimension wall cavity, preserving your square footage
- Achieves up to R-30 in a 2x4 building construction configuration
- Reduces thermal bridging with continuous insulation and fewer framing members
- Achieves optimum R-value by air sealing the wall assembly

Improve Quality, Reduce Liability

The HP+ Wall System can help you meet new and challenging codes, while providing a solution that could help reduce your callbacks and liability.

- Follows the Technical Evaluation Report (TER) installation guidelines, providing an affordable means of improving your Home Energy Rating System® (HERS) index scores
- Improves moisture management, mitigating moisture-related losses
- Can reduce condensation risk
- Reduces heating and cooling loads and associated utility usage

1 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.