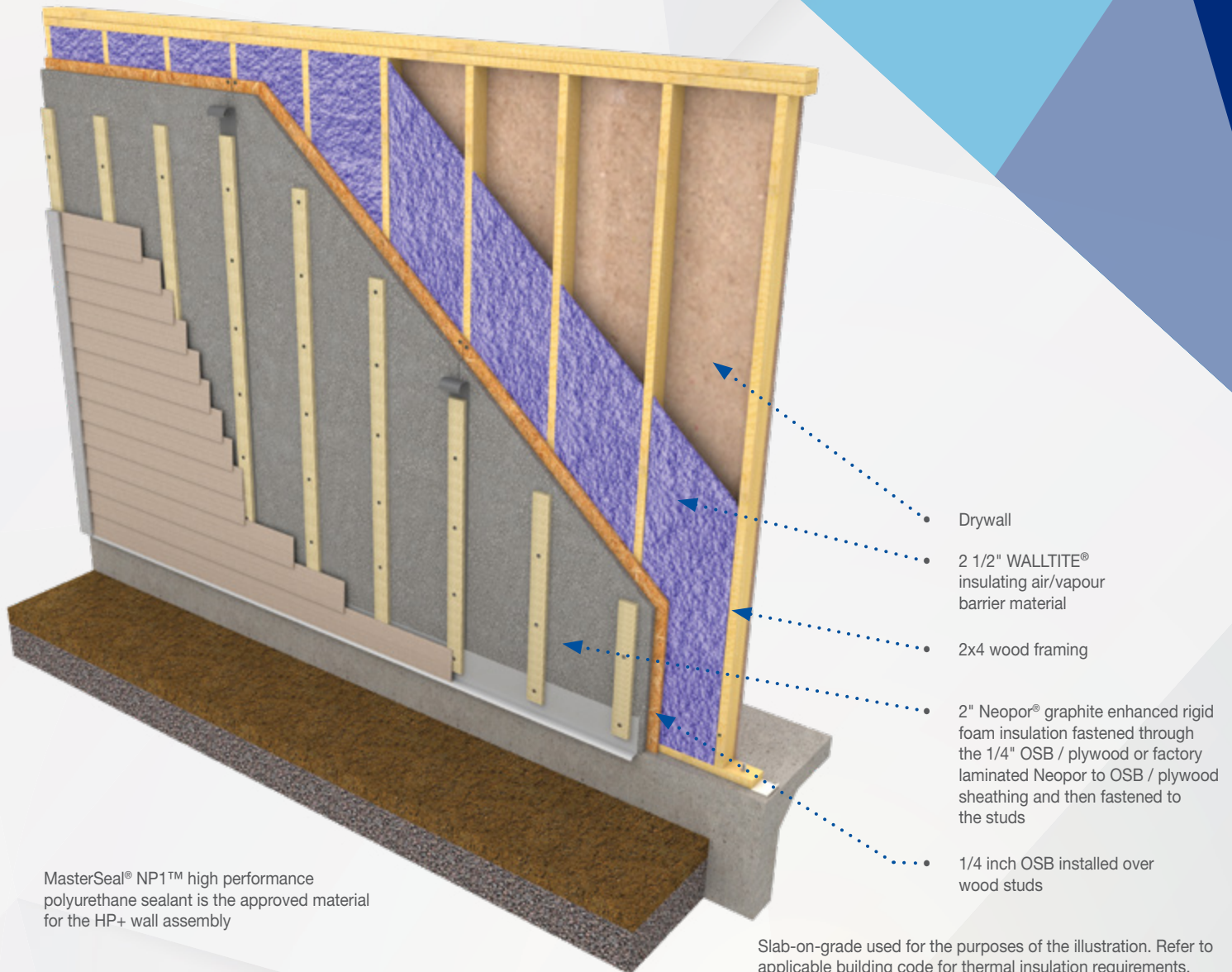


HP+™ Wall System X Series

Patent pending



Drywall

2 1/2" WALLTITE®
insulating air/vapour
barrier material

2x4 wood framing

2" Neopor® graphite enhanced rigid
foam insulation fastened through
the 1/4" OSB / plywood or factory
laminated Neopor to OSB / plywood
sheathing and then fastened to
the studs

1/4 inch OSB installed over
wood studs

MasterSeal® NP1™ high performance
polyurethane sealant is the approved material
for the HP+ wall assembly

Slab-on-grade used for the purposes of the illustration. Refer to
applicable building code for thermal insulation requirements.

The HP+ Wall System X Series is a structural assembly that meets or exceeds codes with a minimum nominal insulation R-value of R-25 up to R-32 using 2 x 4 wood framing. The X Series offers exceptional strength against high winds and seismic movement.

Build Stronger: Create a stronger wall assembly designed to endure challenging conditions

Build Smarter: Construct a wall assembly that incorporates continuous insulation and an air/vapour barrier system without the need for a conventional vapour or weather resistive barrier

Build Sustainable: Minimize energy loss with reduced air leakage and high R-values

BASF

We create chemistry

Systematic Success.

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

The wall assembly features the following:

- 2x4 wood framing at 16" or 24" on center construction
- minimum 1/4" OSB
- 2" Neopor® graphite-enhanced rigid thermal foam insulation. Also available in different thicknesses and R-values to fit your climate zone needs and code requirements
- MasterSeal® NP1™ sealant
- 2 1/2" WALLTITE® insulating air barrier material
- Extra room to add more WALLTITE for an increased R-value

The HP+ Wall System X Series is just one of the offerings in our growing portfolio of HP+™ Wall Systems to complete our groundbreaking BEYOND.High Performance® approach to construction. With BEYOND.High Performance, 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.walltite.com
or call 1-866-474-3538 to learn more.

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Strength in Numbers

By combining 2 x 4 framing with foam sheathing, OSB, and spray polyurethane foam in a composite design, the HP+ Wall System X Series can increase structural integrity. 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 eliminating wood sheathing (plywood, OSB)
- Stronger walls with increased lateral load resistance as compared to a typical wall (studs and exterior sheathing)
- Improved moisture management that can mitigate thermal and structural issues; reducing potential builder callbacks

Build a Better Barrier: Thermal, Air, Water and Vapour Drive

With integrated thermal, air, water and vapour flow management in a single system, the HP+ Wall System X Series provides an effective building envelope against severe Canadian climates.

- Provides higher thermal performance in 2x4 wood framing and interior square footage without increasing the building's footprint
- Reduces thermal bridging with continuous insulation which can also perform as a weather resistive barrier
- Creates a superior air and vapour barrier using WALLTITE and MasterSeal NP1

Tested wall assembly. Increased peace of mind.

The HP+ Wall System X Series has been tested by third party laboratories and reviewed by an independent engineering firm.

- Follows the Technical Evaluation Report (TER) installation guidelines to build the HP+ Wall X series assembly to meet the National Building Code of Canada's (2010 and 2015) structural and seismic load requirements
- The energy performance of the HP+ Wall X Series total assembly has been tested as per ASTM methods
- HP+ Wall X Series total assembly has been tested for air leakage as per Standard CAN/ULC-S742
- HP+ Wall tested for racking strength per ASTM test methods

¹ NOTE: to perform as per the Technical Evaluation Report (TER) the HP+ Wall System X Series MUST follow the installation guidelines described in the TER.