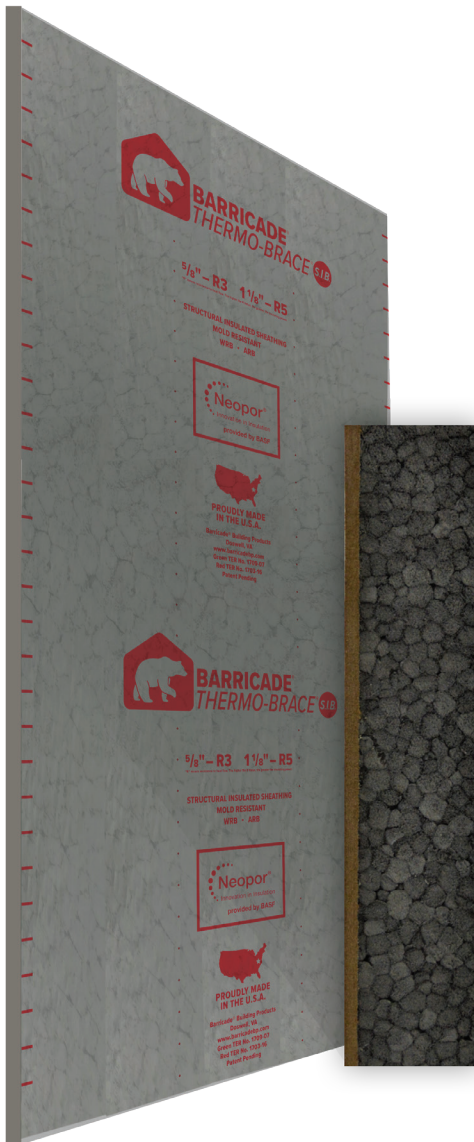




R3 & R5

Green TER No. 1709-07
Red TER No. 1703-16

WITH

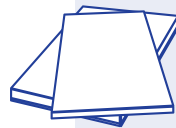


DURABLE, COST-SAVING, AND FASTER INSTALLATION

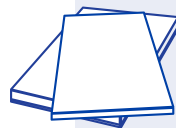
Exclusively using BASF Neopor® GPS (Graphite Polystyrene) rigid foam in conjunction with Barricade® Thermo-Brace®, Thermo-Brace® S.I.B.™ is a reversible, lightweight, 4-in-1 structural sheathing solution that provides four layers of enforced protection against water, moisture vapor, mold, and more. Thermo-Brace S.I.B. is today's energy-efficient and cost-effective insulative solution for architects, contractors, and builders.

WHAT IS THERMO-BRACE S.I.B.?

- Structural Insulative Board
- Complies with the energy code using 2"x4" conventional framing instead of 2"x6"
- Reduces thermal bridging



LESS THAN HALF THE WEIGHT
OF OSB, PROVIDING AN EASIER INSTALL THAT CUTS
DOWN ON LABOR TIME (AND COST).*



SAVE UP TO 30% IN COSTS
ON FULL SYSTEM INSTALL MATERIAL WHEN BUILDING
TO MEET 2018 ENERGY CODES.*

*When compared to OSB system install.



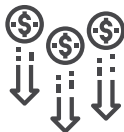
Superior strength

- Improved Long-Term Thermal Resistance (LTTR)
90 day UV exposure to unfaced foam
1 year UV exposure to ThermoBrace panel
- Water-Resistant Barrier (WRB) on both sides
- Increased resistance against mold



Code compliant

- Complies with the 2012, 2015, 2018 and 2021 International Energy Codes for continuous insulative sheathing
- Neopor GPS is GREENGUARD certified for Gold Indoor Air Quality



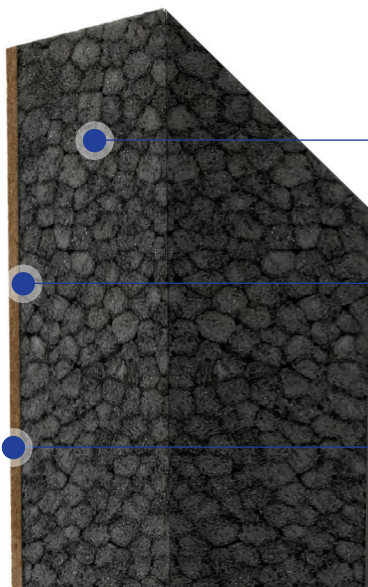
Cost efficient

- Stable pricing
- Material savings
- Reduced energy costs
- Reduced labor costs due to faster install



Ease of installation

- One product install, instead of three
- Can be used up to 24-inch on-center
- Reversible installation capability
- Lightweight structure



MAKE THE SWITCH TO OUR

4-IN-1 REVERSIBLE SHEATHING SOLUTION

- 1 WATER RESISTANT**
Replaces the need to add additional outside WRB protection, yet still protects against rain, water vapor, heat, cold, and more.
- 2 AIR BARRIER**
Meets AIB requirements while providing improved air barrier properties, increased indoor air quality, and fire resistance.
- 3 R-VALUE**
Two 2018 energy code options, R3 and R5, designed to resist conductive and convective heat flow via an outstanding thermal break system.
- 4 STRUCTURAL**
Both options can be used in place of OSB. R3 and R5 both meet structural requirements with test results you can trust.

Neopor® GPS

Unlike polyiso and XPS, Neopor GPS doesn't use HFC gas agents for R-value, which can deplete over time. XPS only retains 90% of its initial R-value over its lifetime and the R-value of Neopor GPS is up to 30% higher than EPS (white foam).

BARRICADE THERMO-BRACE STRUCTURAL SHEATHING

Thermo-Brace is a thin wall structural sheathing, with a composite core that provides the structural strength required while offering more water-resistant barrier than OSB. It costs less than OSB or ZIP System® and is lighter, easier to handle, cut, and install.

THERMO-BRACE W/ WATER-RESISTANT BARRIER

Enhanced water-resistant barrier protection on the reverse side offers increased durability. The reversible installation feature provides the flexibility to choose whether this side faces outward or inward. Available in both reflective and non-reflective variants.

Insulation requirements as defined by the 2015 IECC

U.S. Department of Energy Section R402

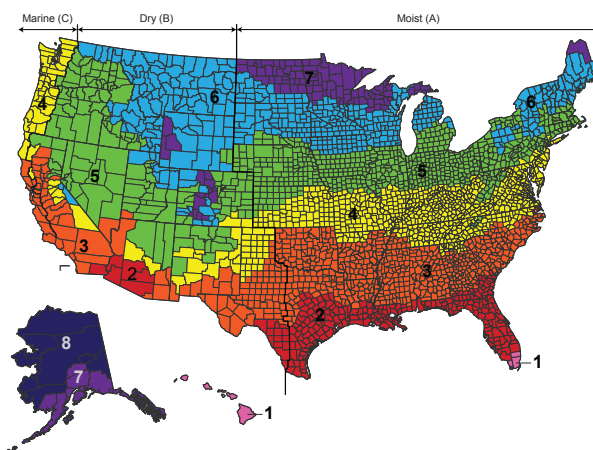


Table R402.1.2

Climate Zone	Wood Frame Wall R-Value
1	13
2	13
3	20 or 13+5 ^a
4 except Marine	20 or 13+5 ^a
5 and Marine 4	20 or 13+5 ^a
6	20+5 or 13+10 ^a
7 and 8	20+5 or 13+10 ^a

a. First value is cavity insulation, second is continuous insulation, so "13+5" means R-13 cavity insulation plus R-5 continuous insulation.

INTRODUCING: THERMO-BRACE® SIB GUARD

Patent-pending Barricade Thermo-Brace SIB GUARD is an energy-efficient, structural sheathing that wraps around the corner of a structure, creating a complete enclosure that joins two separate walls into one continuous unit, while providing structural, WRB, and AIB benefits. Thermo-Brace SIB GUARD stops air leaks and moisture penetration at corners and eliminates the need for corner flashing, saving time and money for builders, architects, contractors, and homeowners.

Available in continuous insulation versions R3 and R5.



SPECIFICATIONS Uses standard, readily available staple guns!

Technical Certifications	Composition	Standard Sizes	Optional Sizes	Sheets/Pallet	Thickness	Fasteners	Warranty
Green: TER 1709-07 Red: TER 1703-16	Barricade® Thermo-Brace™ with BASF Neopor® GPS	48" x 96" 48" x 108" 48" x 120"	48" x 120" 48¾" x 120" 48" x 132" 48¾" x 132" 48" x 144" 48¾" x 144"	R3: 70 R5: 40	R3: ¾" R5: 1⅝"	Foam Outward: R3: 1⅝" x 1¾" leg 16-ga. staples R5: 1⅝" x 2" leg 16-ga. staples Foam Inward: R3: 1¾" x 11-ga. smooth-shank roofing nail R5: 1¾" x 11-ga. ring-shank roofing nail	30-Year Limited System

For use as a WRB noted in IRC section R703.2 and IBC section 1404.2, use Barricade Extreme™ or Barricade Seam Tape on joints and seams.



Find more information at: barricadebp.com/thermo-brace-sib
1-877-832-0333

