ZIP System® R-sheathing is the simple all-in-one structural panel with built-in exterior insulation. Featuring integrated moisture, air and thermal protection, ZIP System R-sheathing completely reimagines traditional wall assemblies by streamlining exterior water, air and thermal management. Learn how to protect your next project at InsulateYourBuild.com.

TOGETHER, THEY KNOCK OUT THE ELEMENTS.

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BUILT-IN EXTERIOR INSULATION
Designed to meet new energy codes, each panel features integrated continuous foam insulation to increase thermal performance and minimize thermal bridging.

STRUCTURAL DURABILITY
An exterior engineered wood panel meets wall bracing requirements, contributes to shear wall designs and provides a nailable, flashable base for cladding, trim and windows.

INTEGRATED WATER-RESISTIVE BARRIER
A built-in water-resistant barrier can eliminate the need for housewrap and helps achieve a quick rough dry-in backed by a 180-day Exposure Guarantee and 30-year Limited Warranty.*

CONTINUOUS AIR BARRIER
Taped seams create a continuous air barrier that helps prevent air leakage and protects insulation R-value as part of an energy-efficient enclosure.

* Limitations and restrictions apply. View the ZIP System Wall Residential Warranty at huberwood.com/residential-warranties/zip-system-wall, and/or Commercial Warranty for ZIP System Wall at huberwood.com/commercial-warranties/zip-system-wall for more details.
Whether you’re building to meet new energy codes or higher thermal performance, ZIP System® R-sheathing has the continuous insulation solution for your project, no matter the region.

BUILD TO CODE IN ANY CLIMATE

INTERNATIONAL ENERGY CONSERVATION CODE (IECC) CLIMATE

For SI: Inch = 25.4mm; 1 pound per foot (ppf) = 14.59 N/m.

ZIP SYSTEM® R-SHEATHING FASTENING REQUIREMENTS FOR PRESCRIPTIVE BRACING¹,² AND ENGINEERED SHEAR WALL DESIGN³

FRAMING | FASTENERS | SHEAR VALUES⁴
--- | --- | ---
ZIP System® R-sheathing Type | Nominal Stud Spacing (min.) | Maximum Stud Spacing (in.) | Fastener Specifications² | Edge/Field Spacing (in.) | Minimum Penetration into Framing (in.) | Allowable Seismic Controlled Shear Values⁵ (plf) | Allowable Wind Controlled Shear Values⁶ (plf)
--- | --- | --- | --- | --- | --- | --- | ---
R-3 | 2- by- 4 | 24 | 0.131” shank nails | 4/ 12 | 1.5 | 245 | 343
R-3 | 2- by- 4 | 24 | 0.131” shank nails | 3/ 12 | 1.5 | 280 | 392
R-3 | 2- by- 4 | 16 | 16ga staples, 7/16” crown, 2” length | 3/ 6 | 1.0 | 210 | 294
R-6 | 2- by- 4 | 24 | 0.131” shank nails | 4/ 12 | 1.5 | 230 | 322
R-6 | 2- by- 4 | 24 | 15ga staples, 7/16” crown, 2.5” length | 3/ 6 | 1.0 | NA² | NA
R-6 | 2- by- 4 | 24 | 0.131” shank nails | 3/ 12 | 1.5 | 255 | 357
R-9 | 2- by- 4 | 24 | 0.131” shank nails | 3/ 12 | 1.5 | 240 | 336
R-12 | 2- by- 4 | 24 | 0.131” shank nails | 3/ 12 | 1.5 | 215 | 301

¹ Limitations and restrictions apply. View the ZIP System Wall Residential Warranty at huberwood.com/residential-warranties/zip-system-wall, and/or Commercial Warranty for ZIP System Wall at huberwood.com/commercial-warranties/zip-system-wall for more details.

² Fasteners must be common nails or equivalent, or staples, of a type generally used to attach wood sheathing.

³ The shearwalls must have a maximum height-to-width aspect ratio of 2:1. ⁴ The shearwalls must have a maximum height-to-width aspect ratio of 2:1. ⁵ For framing with other than Douglas Fir-Larch, the shear value must be multiplied by the Specific Gravity Adjustment Factor = [1 - (0.50 - SG)], where SG = Specific Gravity of the framing lumber in accordance with the ANSI/AWC NDS. This adjustment factor must not be greater than 1. ⁶ Fasteners must be common nails or equivalent, or staples, of a type generally used to attach wood sheathing.

If you need assistance, call the Huber Customer Center at 1-800-233-3478.