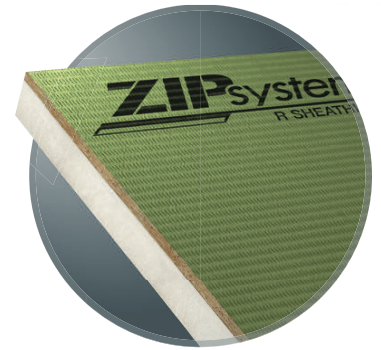




## Where Code Meets Comfort

**Structure, insulation and weather protection – all in one panel.**

An innovative panel that makes insulating homes simple, ZIP System® R-sheathing is where Code Meets Comfort. Each panel delivers added R-value combined with superior air and moisture resistance and exceptional strength and durability. Installation is a quick, two-step process that eliminates the need for additional exterior insulation and housewrap. And with multiple insulation thicknesses available, ZIP System® R-sheathing panels make it easy to build a tight, insulated, water-resistant enclosure whether you're building to new energy codes or advanced building envelope performance.



### CONTINUOUS FOAM INSULATION PROVIDES HIGHER R-VALUE

Designed to meet new energy codes, continuous polyisocyanurate foam insulation integrated to the back of the panel toward the studs increases thermal performance and minimizes thermal bridging.



### ENGINEERED WOOD PANEL PROVIDES STRUCTURE AND DURABILITY

An exterior engineered wood panel meets wall bracing requirements and provides a nailable, flashable base for cladding, trim and windows.



### BUILT-IN, WATER-RESISTIVE BARRIER

A built-in, water-resistive barrier eliminates the need for housewrap and helps achieve a quick rough dry-in backed by a 180-day exposure guarantee.<sup>1</sup>



### CONTINUOUS AIR BARRIER PROMOTES GREATER ENERGY EFFICIENCY

Simply hang the panels and tape the seams for a continuous air barrier to help prevent air leakage and protect insulation R-value as part of an energy-efficient enclosure.

# BUILD TO CODE IN ANY CLIMATE

With a variety of insulation thicknesses available, whether you're building to meet new energy codes or higher thermal performance, ZIP System® R-sheathing has the continuous insulation solution for your job.



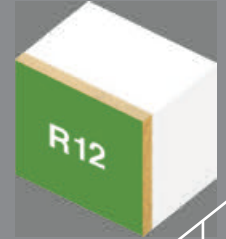
PANEL THICKNESS  
**1"**  
R-VALUE  
**3.6**



PANEL THICKNESS  
**1-1/2"**  
R-VALUE  
**6.6**

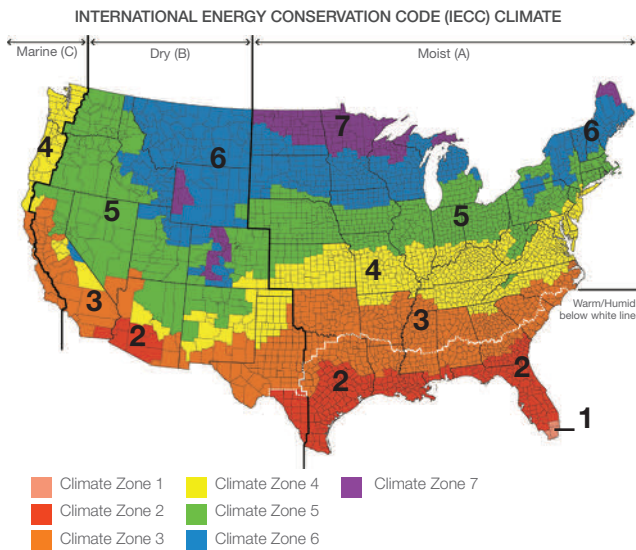


PANEL THICKNESS  
**2"**  
R-VALUE  
**9.6**



PANEL THICKNESS  
**2-1/2"**  
R-VALUE  
**12.6**

## FIND THE RIGHT PANEL SOLUTION FOR YOUR JOB



### WOOD FRAMED WALLS R-VALUE REQUIREMENTS

| CLIMATE ZONE |              | 2009 IECC  | 2012 IECC     | 2015 IECC     |
|--------------|--------------|------------|---------------|---------------|
| 1            | 1            | 13         | 13            | 13            |
| 2            | 2            | 13         | 13            | 13            |
| 3            | 3            | 13         | 20 or 13+5    | 20 or 13+5    |
| 4            | 4            | 13         | 20 or 13+5    | 20 or 13+5    |
| 4 (MARINE) 5 | 4 (MARINE) 5 | 20 or 13+5 | 20 or 13+5    | 20 or 13+5    |
| 6            | 6            | 20 or 13+5 | 20+5 or 13+10 | 20+5 or 13+10 |
| 7 8          | 7 8          | 21         | 20+5 or 13+10 | 20+5 or 13+10 |

Source: International Code Council® (ICC®)

## ZIP SYSTEM® R-SHEATHING FASTENING GUIDE

| ZIP System® R-sheathing Type <sup>2</sup> | Framing <sup>4</sup>        |                            | Fasteners                              |                          |  | Shear Values   |   |
|---|-----------------------------|----------------------------|--|--------------------------|--|--|---|
|   | Nominal Stud Spacing (min.) | Maximum Stud Spacing (in.) | Fastener Specifications <sup>3</sup>   | Edge/Field Spacing (in.) | Minimum Penetration into Framing (in.) | Allowable Seismic Controlled Shear Values <sup>4,5</sup> (plf) | Allowable Wind Controlled Shear Values <sup>4</sup> (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  | 393   |
| 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                                    | NA <sup>6</sup>  | 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   |

Learn how ZIP System insulated R-sheathing can streamline your next project.

[ZIPSystem.com/R-Sheathing](http://ZIPSystem.com/R-Sheathing)



1. Limitations and restrictions apply. Visit ZIPSystem.com for details. © 2017 Huber Engineered Woods LLC. ZIP System®, logo and design are trademarks of Huber Engineered Woods LLC. Huber is a registered trademark of J.M. Huber Corporation. HUB 17178-01 REV 3/17 2. Type R-3 sheathing panels have a foam plastic insulation thickness of .5". Type R-6 sheathing panels have a foam plastic insulation thickness of 1". R-9 sheathing panels have a foam plastic insulation of 1.5". Type R-12 sheathing panels have a foam plastic insulation thickness of 2". 3. Fasteners must be common nails or equivalent, or staples, or a type generally used to attach wood sheathing. 4. The shearwalls must have a maximum height-to-width aspect ratio of 2:1. 5. This panel and fastening configuration is only applicable to the perspective bracing requirements under the 2009 IRC. 6. ZIP System R-sheathing used as the lateral resistance system in seismic zones C, D0, D1, D2 and E should be designed in accordance to ER-482.