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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**The Front**
**FIGHTS AIR AND MOISTURE.**

**The Back**
**FIGHTS HEAT AND COLD.**

**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 eliminates 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.

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

![Climate Zone Map]

- Climate Zone 1
- Climate Zone 2
- Climate Zone 3
- Climate Zone 4
- Climate Zone 5
- Climate Zone 6
- Climate Zone 7
- Climate Zone 8

#### WOOD FRAMED WALLS R-VALUE REQUIREMENTS

<table>
<thead>
<tr>
<th>Panel Thickness</th>
<th>R-Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot;</td>
<td>3.6</td>
</tr>
<tr>
<td>1-1/2&quot;</td>
<td>6.6</td>
</tr>
<tr>
<td>2&quot;</td>
<td>9.6</td>
</tr>
<tr>
<td>2-1/2&quot;</td>
<td>12.6</td>
</tr>
</tbody>
</table>

#### ZIP SYSTEM® R-SHEATHING FASTENING REQUIREMENTS FOR PRESCRIPTIVE BRACING

<table>
<thead>
<tr>
<th>FRAMING</th>
<th>FASTENERS</th>
<th>SHEAR VALUES</th>
</tr>
</thead>
<tbody>
<tr>
<td>R-3</td>
<td>2-by-4</td>
<td>0.131&quot; shank nails</td>
</tr>
<tr>
<td>R-3</td>
<td>2-by-4</td>
<td>0.131&quot; shank nails</td>
</tr>
<tr>
<td>R-3</td>
<td>2-by-4</td>
<td>16ga staples, 7/16&quot; crown, 2&quot; length</td>
</tr>
<tr>
<td>R-6</td>
<td>2-by-4</td>
<td>0.131&quot; shank nails</td>
</tr>
<tr>
<td>R-6</td>
<td>2-by-4</td>
<td>15ga staples, 7/16&quot; crown, 2.5&quot; length</td>
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<tr>
<td>R-6</td>
<td>2-by-4</td>
<td>0.131&quot; shank nails</td>
</tr>
<tr>
<td>R-9</td>
<td>2-by-4</td>
<td>0.131&quot; shank nails</td>
</tr>
<tr>
<td>R-12</td>
<td>2-by-4</td>
<td>0.131&quot; shank nails</td>
</tr>
</tbody>
</table>


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

1. Prescriptive bracing requirements with Douglas Fir-Larch Framing under the 2015, 2012, and 2009 IRC.
2. Not approved for use as prescriptive wall bracing where wind design is required by R301.2.1.1.
3. Engineered shear wall requirements with Douglas Fir-Larch Framing under the 2015, 2012, and 2009 IRC.
4. For framing with other than Douglas Fir-Larch, the shear value above 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.
5. Fasteners must be common nails or equivalent, or staples, of a type generally used to attach wood sheathing. 6. The shearwall must have a maximum height-to-width aspect ratio of 2:1.
7. This panel and fastening configuration is only applicable to the prescriptive bracing requirements under the 2015 IRC.
8. ZIP System R-sheathing used as the lateral resistance system in seismic zones D, D2, D3, E should be designed in accordance to ER-482. © 2018-2020 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 19256-001 REV 1/20