

## Acceptable Wall and Roof Coverings on ZIP System® Sheathing

ZIP System® sheathing panels are wood structural panels with moisture protective overlays. For roof applications, ZIP System sheathing can be used as a structural roof sheathing and roof underlayment. When used on a wall, ZIP System sheathing can be used as a structural wall sheathing, water-resistant barrier and air barrier. ZIP System sheathing panels are manufactured in conformance with PS2, Performance Standard for Wood-Based Structural-Use Panels.

### **Roof**

The following roof coverings can be applied directly to ZIP System sheathing.

- Asphalt and fiberglass shingles<sup>a</sup> (See [www.zipsystem.com](http://www.zipsystem.com) for approval letters from shingle manufacturers)
- Metal shingles and panels<sup>b</sup>
- Clay and concrete tile<sup>c</sup>
- Slate and slate-type shingles
- Wood shakes and shingles
  - See manuf. recommendations for back-priming, back venting and interlayment requirements

### **Wall**

The following wall coverings can be applied directly to ZIP System sheathing.

- Vinyl, aluminum and steel siding
- Fiber-Cement vertical, plank or lapped siding
- HardiePanel® Vertical Siding<sup>d</sup>
  - See HardiePanel® Vertical Siding installation instructions for 3/8" air cavity requirements.
- Wood siding and shakes
- Brick or Stone (1" minimum air space for stacked installation)
- Mechanically attached and drainable Exterior Insulated Finish Systems (EIFS)
- Exterior Insulation (See installation details on [www.zipsystem.com](http://www.zipsystem.com))
- Any code-prescribed exterior wall cladding or one that is recognized in a current Evaluation Report from an *approved* testing and inspection agency in conformance with the International Building Code and International Residential Code (such as ICC-ES, IAPMO, etc.)

The following wall coverings require an additional layer of protection (i.e. water-resistive vapor-permeable barrier with a performance equivalent to grade D building paper or an intervening substantially nonwater-absorbing layer or designed drainage space) applied to the ZIP System sheathing.

- Hardcoat (traditional) stucco
- Natural or manufactured stone (adhered application)

See [Rainscreen Systems with ZIP System® Sheathing](#) Tech Tip for more information on open-jointed claddings with ZIP System Sheathing.

- a. For roof slopes from 2:12-4:12, an additional underlayment shall be required per Chapter 9 of the International Residential Code (IRC).
- b. Fasteners used to secure ZIP System panels to supporting framing must be compatible with specific metal roof coverings used.
- c. ZIP System is intended to replace the first layer in a two-layer or multi-layer underlayment system. Follow the manufacturer's recommended installation instructions for installing tile roofs.