

Technical Tip

Acceptable Roof and Wall 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^a (See www.zipsystem.com for approval letters from shingle manufacturers)
- Metal Shingles and panels^b
- Clay and Concrete Tile^c
- 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 and Aluminum siding
- Fiber-Cement Vertical, Plank or Lapped siding
- HardiePanel® Vertical Siding^d
 - 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)
- Any code-prescribed exterior wall cladding or one that is recognized in a current ICC-ES Evaluation Service Report.

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)
- 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.