

Technical Tip

What is ZIP System® Wall Sheathing?



ZIP System® Wall sheathing is a combination wood structural panel, water-resistive barrier and air barrier. It is code recognized in ICC-ESR 1474 as an alternate to the water-resistive barrier required in Chapter 14 of the IBC and Chapter 7 of the IRC and satisfies the requirements for air barriers as defined in the 2009 International Energy Conservation Code. The kraft overlay, branded as Stormex™, has a permeability of 12-16 perms. ZIP System Wall sheathing carries the Florida product approval number FL DCA 6565-R2.

The OSB wood structural panel substrate is 7/16" thick (1/2" is available in some locations) and carries the Exposure 1 bond classification. The oriented strand board (OSB) substrate satisfies the provisions of U.S. Department of Commerce Voluntary Product Standard 2 (PS2) *Performance Standard for Wood-Based Structural-Use Panels* as specified in Section 3.1 of the evaluation report. It is code-recognized as PS2 sheathing and does not carry the Structural I panel grade. Refer to Chapter 23 of the International Building Code for allowable shear values for wall sheathing (not Structural I) when designing shear walls using ZIP System Wall sheathing. Also see the Technical Tip, *Allowable Shear Capacity for ZIP System Wall Sheathing* on zipsystem.com for more information about shear. Fastener type and spacing do not affect the performance of ZIP System wall sheathing to function as a water-resistive and air barrier.

Approved wall coverings include brick, vinyl, stone, fiber cement, wood, traditional hard-coat stucco and mechanically attached and drainable EIFS on buildings of Type V constructions and construction permitted under the IRC.

Please visit zipsystem.com or contact our technical services department at 800-933-9220 with any questions or comments.