

## *ZIP System<sup>®</sup> Tape Code Compliance for Roof Underlayments*

In roof applications, ZIP System<sup>®</sup> sheathing is a combination wood structural panel and roofing underlayment. It is code recognized by International Building and Residential Codes as an alternate to roofing underlayment (felt paper) required by code when panel seams are taped with the ZIP System tape. ZIP System panels conform to the requirements of PS2, *Performance Standard for Wood-Based Structural-Use Panel*. PS-2 encompasses performance requirements, qualification procedures, and test methods for wood-based structural-use panels such as plywood and OSB. The ZIP System sheathing OSB substrate is a wood structural panel and satisfies the performance requirements outlined in the IBC and IRC for wood sheathing.

### **International Residential Code Compliance**

ZIP System<sup>®</sup> sheathing panels are installed with a proprietary seam tape, which allows the system to be used as an alternate to the underlayment required in Chapter 9 of the IRC as stated in ICC-ES ESR-1473. ZIP System<sup>®</sup> sheathing panel seams should be flashed with ZIP System<sup>®</sup> tape, and all flashings and penetrations should be flashed with ZIP System<sup>®</sup> tape or with another code-approved flashing tape.

### **FORTIFIED Home<sup>™</sup> - Hurricane – A program of IBHS**

The FORTIFIED Home<sup>™</sup> program published by the Insurance Institute for Business & Home Safety (IBHS) addresses effective methods to improve roof deck performance in high wind and rain applications. This program has been adapted into building code in several states. In Method 2 (Tape Seams Between Roof Deck Wood Structural Panels), the program addresses flashing tape as follows:

*Apply a 4-inch wide ASTM D1970 compliant self-adhering polymer-modified bitumen flashing tape or a 3-3/4 inch wide AAMA 711-13, Level 3 (for exposure up to 80°C/176°F) compliant self-adhering flexible flashing tape to seal all horizontal and vertical joints in the roof deck.*

ZIP System<sup>®</sup> tape is a pressure-sensitive, self-adhering, cold-applied flexible flashing tape consisting of a polyolefin film with an acrylic adhesive that is approved in roof seam flashing and penetration flashing applications. ZIP System<sup>®</sup> tape meets AAMA 711-13, Level 3 criteria through Acceptance Criteria (AC) 148, as stated in ICC-ES 2227. Therefore, ZIP System<sup>®</sup> tape conforms to the methods prescribed in the FORTIFIED Home<sup>™</sup> programs.

Please visit [zipsystem.com](http://zipsystem.com) or contact our technical department at 800-933-9220 Ext 2716 or at [techquestions@huber.com](mailto:techquestions@huber.com) with any questions or comments.