

# ICC-ES Evaluation Report

**ESR-2227**

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**DIVISION: 07—THERMAL AND MOISTURE PROTECTION**  
**Section: 07650—Flexible Flashing****REPORT HOLDER:****HUBER ENGINEERED WOODS LLC**  
**ONE RESOURCE SQUARE**  
**10925 DAVID TAYLOR DRIVE, SUITE 300**  
**CHARLOTTE, NORTH CAROLINA 28262**  
**(704) 548-5442**[www.huberwood.com](http://www.huberwood.com)  
[kurt.koch@huber.com](mailto:kurt.koch@huber.com)**EVALUATION SUBJECT:****ZIP SYSTEM™ FLEXIBLE FLASHING TAPE****1.0 EVALUATION SCOPE****Compliance with the following codes:**

- 2006 *International Building Code*® (IBC)
- 2006 *International Residential Code*® (IRC)

**Property evaluated:**

Water resistance

**2.0 USES**

ZIP System™ Flexible Flashing Tape is a pressure-sensitive, self-adhering, cold-applied tape used as flashing around windows, frames, door frames, wall penetrations and roof penetrations described in this report when used with the materials and substrates noted in Section 5.3. The use of the tape as a flashing material is recognized for use on Type V construction under the IBC and non-fire-resistance-rated construction recognized under the IBC and IRC.

**3.0 DESCRIPTION**

ZIP System™ Flexible Flashing Tape is a pressure-sensitive tape consisting of a polyolefin film with an acrylic adhesive. The tape is backed with a release film that serves to protect the tape adhesive and to prevent self-adhesion of the material. The tape is nominally 0.012 inch thick [0.30 mm (12 mils)] and is produced in rolls with a minimum width of 3<sup>3</sup>/<sub>4</sub> inches (95 mm) and of varying lengths.

**4.0 INSTALLATION**

Installation of ZIP System™ Flexible Flashing Tape must comply with this report and the manufacturer's published installation instructions. The installation instructions must be available at the jobsite at all times during installation.

The surfaces to which the tapes are applied must be dry and free of frost, dust and dirt, loose nails, and other protrusions. Contact of the adhesive surface with foreign matter that may affect the bond to the substrate must be avoided. The ambient air and substrate temperatures must be at or above 20°F (-6.7°C) at the time of application.

The tape is applied around penetrations in the manner described in the manufacturer's published installation instructions. End joints must be overlapped the minimum distance specified in the manufacturer's published installation instructions. The tape is cut to the desired length and firmly pressed into the entire length of the opening and smoothed out until it conforms tightly to the frame opening. Wrinkles or trapped air bubbles must be removed in accordance with the manufacturer's published installation instructions.

**5.0 CONDITIONS OF USE**

The Huber Engineered Woods ZIP System™ Flexible Flashing Tape described in this report complies with, or is a suitable alternative to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

- 5.1** Installation must comply with this report and the manufacturer's published installation instructions. In the event of conflict between this report and the installation instructions, this report governs.
- 5.2** The ZIP System™ Flexible Flashing Tape must not be left exposed to the weather or installed where it is subject to permanent direct weather exposure.
- 5.3** Installation of the tape as a flashing material is limited to use with OSB, wood, steel, aluminum and vinyl-framed flanged windows and door frames, transitions to rigid flashings and the proprietary wall and roof sheathing substrates recognized in ICC-ES evaluation reports [ESR-1473](#) and [ESR-1474](#).

**6.0 EVIDENCE SUBMITTED**

Data in accordance with the ICC-ES Acceptance Criteria for Flexible Flashing Materials (AC148), dated June 2006.

**7.0 IDENTIFICATION**

The Huber Engineered Woods ZIP System™ Flexible Flashing Tape described in this report is labeled at regular intervals with the manufacturer's identification (ZIP System™) and the evaluation report number (ESR-2227). The tape packaging is labeled with the manufacturer's name (Huber Engineered Woods LLC) and address and the evaluation report number (ESR-2227)