

ZIP System™ Flashing Tape Substrate Compatibility

ZIP System™ flashing tape and ZIP System™ stretch tape are pressure sensitive acrylic tapes with a robust, aggressive adhesive. ZIP System flashing tapes use advanced acrylic adhesive made of highly polar molecules which allows the tape to wet-out into the substrate’s topography, creating a strong bond. ZIP System flashing tape is designed as a seam sealing solution for ZIP System® sheathing and performs as a stand-alone AAMA 711 compliant flashing tape as confirmed by ESR-2227 (ER-365 for ZIP System™ stretch tape). When installing ZIP System tapes, ensure the substrates are clean, free of any dirt or debris, and the substrate is dry to the touch. After the tape has been installed, use a rubber-headed roller to apply even pressure and ensure a proper bond is achieved.

Performance Evaluation

To achieve code recognition as stand-alone flashing tapes, all ZIP System tapes were tested for adhesion to different substrates using the most rigorous industry standards available by third-party testing agencies. Samples of the tapes were evaluated for peel strength under peak load, continuous pull force and average peel strength following ASTM D3330. Tested substrates that have been deemed compatible are listed in Table 1.

Table 1: Compatible Substrate for ZIP System Flashing Tape and Stretch Tape			
Substrate ¹	ZIP System™ Tape		
	Flashing Tape	Stretch Tape	Vapor Permeable
ZIP System® sheathing	✓	✓	✓
OSB	✓	✓	✓
Plywood	✓	✓	✓
Dimensional Lumber	✓	✓	✓
Copper ²	✓	✓	✓
Vinyl	✓	✓	✓
PVC	✓	✓	✓
Non-woven Building Wrap	✓	✓	✓
Fiberglass Mat Sheathing	✓	✓	✓
Butyl Flashing	✓	✓	✓
Galvanized Steel	✓	✓	✓
Formed Concrete	✓	✓	✓
Concrete Masonry Unit ³	✓	✓	✓
Primed Aluminum ²	✓	✓	✓
Stainless Steel ²	✓	✓	✓

Please visit huberwood.com or contact our technical department at 800-933-9220 Ext 2716 or at techquestions@huber.com with any questions or comments.

- 1 For substrates not listed in AAMA-711, testing protocols were adapted from AAMA 711.
2. Ensure metal substrates are free of any oil/oily residue.
3. Horizontal installations only, where the ZIP System® sheathing makes the transition to concrete masonry foundation walls.