

NEW!

Hawaii's Newest Solution for Hurricane Retrofits

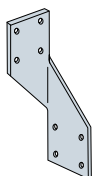


Simpson Strong-Tie® introduces a new solution for rafter-to-wall retrofits in Hawaii: the HPT hurricane tie. The HPT is specially designed and tested for single-wall homes and meets Hawaii state requirements for uplift resistance. The unique design of the HPT connects the wall to the rafter, avoiding interference from the blocking. The strengthened transition area of the HPT helps the structure resist high wind and allows the transfer of forces from the roof to the wall to help prevent damage. The HPTZ features a galvanized coating, while the HPTSS is stainless steel for maximum corrosion resistance.



Retrofitting Single- and Double-Wall Homes is Easier with the HPT Hurricane Tie

- Designed to meet the Hawaii Wind Resistive Devices (WRD) required minimum of 400 lbs. of allowable uplift capacity per the state of Hawaii's loss mitigation program
- Installs easily with Simpson Strong-Tie® SD screws (one part per connection, as shown) OR with 10dx1½ nails (two parts per connection, as shown). Either HPT connection requires an additional ¼ x 1½ Simpson Strong-Tie® Strong Drive® screw (SDS) at the trim board
- The HPTSS must be used in pairs and only with stainless-steel nails



For applications where the blocking does not interfere, the H3Z is the recommended solution. The H3Z also meets Hawaii state requirements for uplift resistance. H3SS is stainless steel for maximum corrosion resistance.

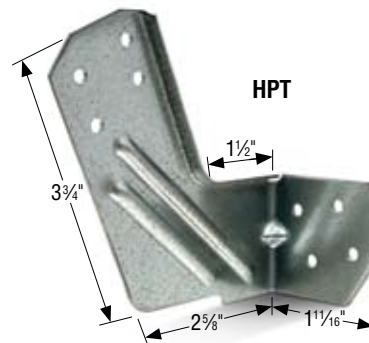


Typical HPTZ with SD10112 installation

Technical Information

Model No.	Qty	Fasteners ^{5, 6}			Allowable Uplift Loads (lbs.) (160)
		Rafters or Truss	Wall	Trim Board ^{3, 4}	Uplift
HPTZ	1	4 - SD10112	4 - SD10112	1 - SDS25112	400
HPTZ ²	2	8 - N10	8 - N10	1 - SDS25112	470
HPTSS ²	2	8 - SSN10	8 - SSN10	1 - SDS25112SS	470
H3Z	1	4 - N8	4 - N8	1 - SDS25112	405
H3SS	1	4 - SSN8	4 - SSN8	1 - SDS25112SS	405

1. Loads have been increased 60% for earthquake or wind load, with no further increase allowed; reduce where other loads govern.
2. In the nailed application, two HPTZ or HPTSS must be used as shown below to achieve the minimum of 400 lbs required by the State of Hawaii.
3. Parts are only shipped in equal quantities of lefts and rights. (right shown)
4. A Strong-Drive® screw is required at each connection to fasten the trim board to the wall board to transfer load to the exterior sheathing.
5. Maximum trim board thickness for these installations is ¾". For greater thickness use longer Strong-Drive screws, available in 2", 2 1/2" and 3" lengths.
6. **NAILS:** N10 = 10dx1½ = 0.148" dia. x 1½" long, hot dip galvanized.
N8 = 8dx1½ = 0.131" dia. x 1½" long, hot dip galvanized.
SSN10 is 10dx1½ stainless steel = 0.148" dia. x 1½" long.
SSN8 is 8dx1½ stainless steel = 0.131" dia. x 1½" long.
7. **SCREWS:** SD10112 is Strong-Drive #10 screw x 1½ = 0.164" dia. x 1½" long.
SDS25112 is Strong-Drive Screw ¼" x 1½ = 0.250" dia. x 1½" long.
SDS25112SS is Strong-Drive Screw ¼" x 1½ stainless steel = 0.250" dia. x 1½" long.



Typical HPTSS installation

This flier is effective until January 31, 2012, and reflects information available as of August 1, 2009. This information is updated periodically and should not be relied upon after January 31, 2012; contact Simpson Strong-Tie for current information and limited warranty or see www.strongtie.com.