

# Steps to install hurricane straps

## MAKE YOUR HOUSE SAFER

To make your house more resistant to hurricanes and earthquakes, you need to install hurricane straps. This will reinforce every connection between each piece of lumber from the bottom to the top : foundation to flooring, flooring to studs, studs to top plate, top plate to rafters, rafters to ridge beam.

### Step 1 : foundation to flooring

The flooring (joist) needs to be attached to the foundation to avoid the overturning of the house. The flooring is bolted to each pillar with a strap, bolts, nuts and washers.

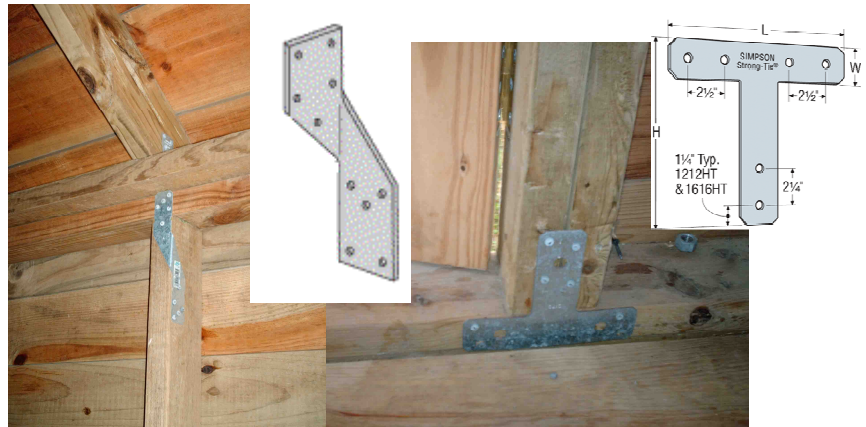


### You need:

- Hurricane straps: S-shape, T-shape, L-shape
- Nails 1 1/2 " diam 8

### Step 2 : flooring to studs (uprights)

To connect the flooring (base plate) with the studs, different kinds of hurricane straps could be used: S-shape or T-shape. Nail the hurricane straps between the base plate and each stud.



### Step 3 : studs to top plates

Nail the S-shape hurricane straps between the top plate and each stud.

### Step 4 : top plates to rafters

Nail a S-shape hurricane strap on both sides of each rafter, between the top plates and the rafters.

**Note:** Each hurricane strap hole receives a nail!



### Step 5 : rafters to ridge beam

Nail a L-shape hurricane strap on both sides of each rafter between the ridge beam and the rafters.



Drafted by:



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