

Wind Clip

Basic Installation Instructions



Wind Clips (also know as “hurricane clips” or “hurricane side clips”) are roof tile locking devices that engage the sides of roof tiles to hold the tiles to the roof structure. Wind Clips are recommended for all roof tiles requiring additional fastening for high wind regions. In general, high wind is defined as wind gusts above 110 mph. Uplift loads are greatest in corners and eaves, followed by the field tile. A perimeter includes three courses of roof tiles but not less than 36 inches from either side of hips, ridges, eaves, and gable ends. (Figure 1)

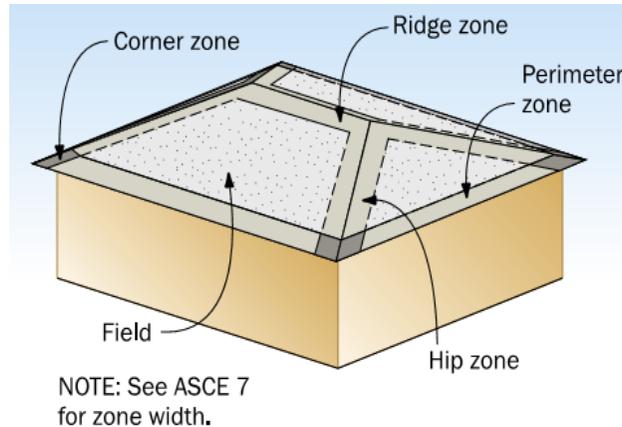


Figure 1

These are basic installation instructions how to clip roof tiles, however check local building code for additional or different fastening requirements. Wind Clips are available in a variety of sizes to fit different applications of concrete and clay roof tiles. The proper length of a Wind Clip is measured by the length or distance from the roof deck to the under lock of the tile where the clip holds the tile. Example: A 2.5” Wind Clip is 2.5” from the roof deck where the clip is fastened to the under-lock of the tile where the clip firmly engages the tile.

The following steps are provided for easy application of Wind Clips:

First Course.

- A. Position the base of the Wind Clip on the first row of field tile within the lowest 1/3 of the length of the roof tile with the base of the Wind Clip flat on the underlayment. The clip’s hook then firmly engages the under-lock of the tile. (Figure 2)
- B. Fasten the Wind Clip to the roof deck with a screw or nail through the hole closest to the tile. (Figure 3)
- C. The Wind Clip should firmly engage the under-lock of the roof tile. (See figure 4.)

Second and Third Course.

- A. Position the Wind Clip on the second and third course and all other courses where required. Position Wind Clip to engage the under-lock of the roof tile as close as possible to the leading nose of the tile being clipped and against the course below with the base of the clip flat on the underlayment. (See figure 5.)

B. Fasten the Wind Clip to the roof deck with a screw or nail through the hole closest to the tile.

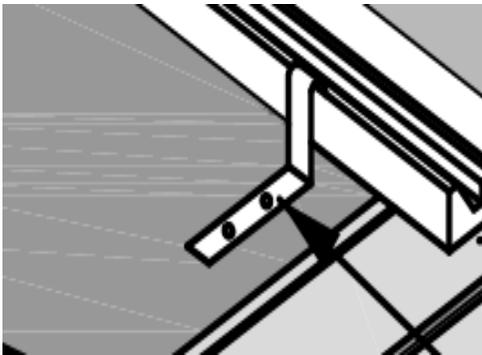


Figure 2

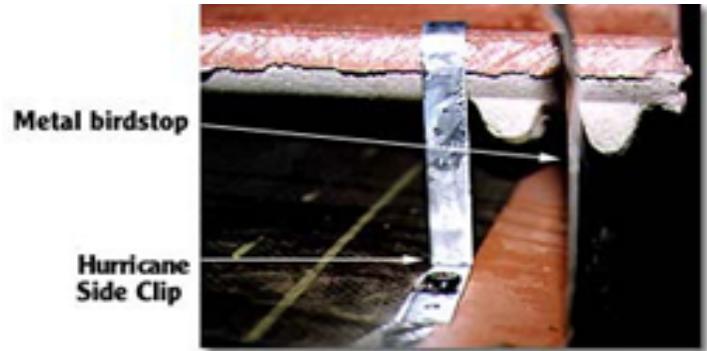


Figure 3

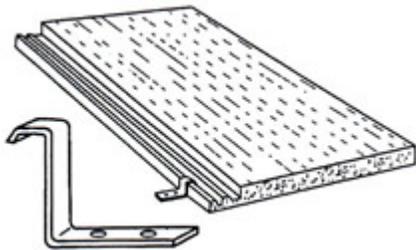


Figure 4



Figure 5