

# TWISTER

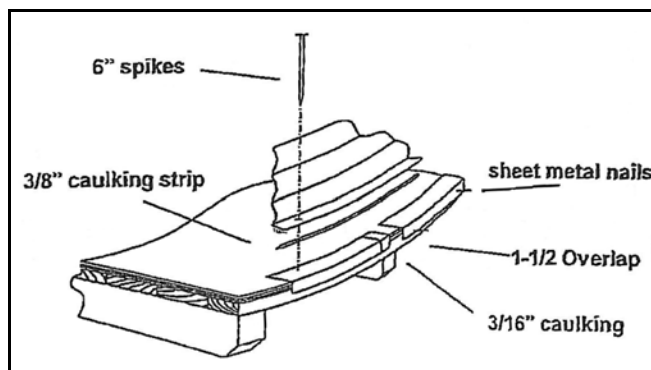
## TRU-SEAL FLASHING 14' - 19' BINS INSTALLATION INSTRUCTIONS

The wood floor must be constructed in such a fashion that the planking and plywood may be cut in a circle. Whichever floor plan is used, you should place all nails so that they will not interfere with the saw when the floor is cut to a circle.

1. Drive a nail in the center of the floor and put one end of the sizing cord over the nail. Using a pencil in the other end of the cord, draw a circle on the floor for cutting the floor to final size. Check the diameter of the floor before cutting. The 14' bin floor should be 14'2", the 19' bin floor will be 19'6". Cut the plywood and planking to size using a circular saw or a small chain saw. The floor skids are left protruding.
2. Place the flashing pieces around the floor overlapping them by about 1-1/2". Use the 3/16" x 3/16" caulking strip to seal between the ends of the pieces of flashing. Nail the flashing in place as you work around the floor. See Figure 1.1.

**Important:** *Do not put the 3/8" x 3/8" caulking on at this time.*

3. Place the bin centered on the floor so that the same amount of floor (about 1") extends past the bottom angle all around the bin.
4. Drive the six spikes 1 to 2" into the floor through the holes of the bottom angle, equally spaced around the bin. These spikes will help keep the bin in position for the next step.
5. Raise the bin about 5" and apply the 3/8" x 3/8" caulking to the underside of the bottom angle. The caulking should be placed on the inside of the holes in the bottom sheets so that any water that gets past the lag bolts will not enter the bin. If the bottom angle has too much oil for the caulking to adhere, the oil must be wiped off before applying the caulking. The caulking must be continuous around the bottom of the bin. Any gaps will allow leakage.



**Figure 1.1**

6. Remove the backing from the caulking.

7. Lower the bin to the floor using the 6" spikes to guide the bin to its previous location on the floor.
8. Tap the sheet metal lag bolts through the flashing with a hammer. Tighten the lag bolts down through every hole in the bottom ring. Do not leave empty holes as they will allow leakage.
9. The caulking should squeeze out of the bottom ring on the inside of the bin. If caulking has not squeezed out, a careful inspection should be done to ensure that the caulking was not missed at that spot. This may be done by attempting to slip a hacksaw blade between the bin and flashing. If caulking is present, it will not pass through.
10. Test the water tightness of the bin by running a hose on the flashing all around the outside of the floor. If any leaks are found, they should be sealed with a high grade tube caulking before the bin is filled with grain.

**Table 1.1 Bill of Materials**

<b>14' Tru-Seal Flashing</b>		<b>19' Tru-Seal Flashing</b>	
17	Flashing sections	24	Flashing Sections
54	3/8" X 2" Self-tap lag bolts c/w washers	75	3/8" x 2" Self-tap lag bolts c/w washers
3	Rolls 3/8" X 3/8" caulking	4	Rolls 3/8" x 3/8" caulking
1	Rolls 3/16" X 3/16" caulking	1	Rolls 3/16" x 3/16" caulking
1	85" Sizing string	1	117" Sizing string
50	Roofing nails	50	Roofing Nails
6	6" Spikes	6	6" Spikes
1	Instruction sheet	1	Instruction Sheet

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