

## How to Put a Tin Roof on a Mobile Home

When patching your tin mobile home roof is no longer adequate it may be time for a new roof. Replacing your roof with a new tin roof is something you can do yourself with the right tools and a little help. Most of the labor involves removing the old roof and preparing the surface for installation of a new tin roof. Years of rust, coating, insulation, old patches, cracked vent boots and damaged vents, has to be removed and the roof scraped clean. Once that is done, building a new roof is easier than you might believe.

### Things You'll Need

#### Tools

Drill

Drill bit for deck screws

Circular saw with metal cutting blade

Tin snips

Tape measure

Marking pencil

Chalk line

Long handle paint roller

#### Supplies

½ inch fan-fold insulation or insulating board

1 by 4 inch by 12 feet lumber

3 inch sheet metal screws with neoprene washers

3 ½ inch deck screws

Sheet metal

Foam closure strips

32 feet of metal gable trim

Neoprene rubber roof cement

Duct tape

Utility knife

White elastomeric coating

1 Once the old roof has been removed and the surface scraped and cleaned, spread rows of fan fold insulation lengthwise across the roof. Use a utility knife to trim off any excess insulation. Apply duct tape to the seams of the insulation. Use a drill and 3 inch sheet metal screws with neoprene washers to secure the insulation.

2 Lay 1 x 4 inch furring strips lengthwise from end to end, 2 feet apart, and the entire length of the roof. Locate the rafters by feeling around the surface of the roof and lay chalk lines across the furring strips to mark the rafter locations. Use a drill and 3 ½ inch deck screws to screw the furring strips to the rafters.

3 Measure the width of the roof adding 8 inches to the measurement for overhang and use a circular saw to cut the tin roofing to size. Place the first sheet of tin and adjust to have equal overhang on both sides with the end flush with the house. Insert a foam closure strip into each end of the tin sheet. Use a drill and 3 ½ inch deck screws with neoprene washers to screw the tin to the furring strips.

4 Cut corresponding holes in the tin to fit over vents. Seal around all vents with neoprene rubber roof cement. Replace cracked or damaged vent rubber boots.

5 Screw the gables to each end of the roof using a drill and 3 ½ inch deck screws, every 12 inches, on the top and bottom.

6 Coat the new tin roof with white elastomeric coating using a long handled paint roller. Follow the direction on the label for coats and drying times.

#### Tips

Take digital pictures with you to the home improvement store to help identify the correct replacement vents and rubber boot.

#### Warnings

Wear safety glasses, painters mask, and gloves to protect eyes, lungs, and hands, while replacing the mobile home roof.

Keywords install a tin mobile home roof , mobile home repairs, tin roof installation

#### Reference:

"The manual for manufactured/mobile home repair and upgrade"; Mark N Bower; 2005

Mobile Home Roof <http://www.mobilehomedoctor.com/roof.htm>

How to repair mobile home roof

<http://www.howtoall.com/Homefiles/howtorepairmobilehomeroof4.htm>

#### Resources

Metal Roof Repair <http://www.linkroll.com/Roofing-Home-Improvement--17055-A-Guide-to-Metal-Roof.html>

Insulating the Roof of a Mobile Home <http://www.youtube.com/watch?v=IAISHayc30I>