

## How to Roof a Single Wide Mobile Home

Replacing the roof on a single wide mobile home begins with stripping off the old roof and scraping it clean. Stripping the old roof can be labor intensive as a result you might consider getting some help. Plan on replacing the old cracked and weather beaten rubber boots around the vents and any damaged vent hardware. Building the new roof is a procedure of installing layers of roofing materials like insulation board, furring strips, sheet metal, and sealing the roof with elastomeric coating. This do-it-yourself project will save you time and money labor and roof repairs.

### Things You'll Need

#### Tools

Drill

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 Unfold rows of fan fold insulation lengthwise across the roof. Use a utility knife to trim off excess insulation. Use duct tape to seal the seams of the fanfold insulation together. Tack down the insulation using a drill and 3 inch sheet metal screws and neoprene washers.

2 Line up 1 x 4 inch furring strips from end to end across the length of the roof. Place the furring strips end to end and 2 feet apart. Locate the rafters by feeling around the surface of the roof. Lay chalk lines across the insulation and furring strip to mark the location of the rafters. Use a drill and 3 ½ inch deck screws to attach the furring strips to the rafters.

3 Measure the width of the roof and add 8 inches for overhang allowance to determine the size to cut the sheet metal using a circular saw. Position the first metal sheet at one end of the roof. The edge should be flush with the end of the roof with 4 inches of overhang on each side. Insert foam closure strips into each end of the metal sheet. Screw the metal sheet to the furring strips using a drill and 3 ½ inch deck screws with neoprene washers.

4 Take accurate measurements of the location of each vent on the roof. Cut corresponding holes in the sheet metal using tin snips and install the sheet metal over the vents. Seal all the vents with neoprene rubber roof cement. Replace any cracked or damaged vent rubber boots.

5 Place the gables at each end of the roof. Use a drill and 3 ½ inch deck screws to secure the gables. Drill a screw every 12 inches on the top and bottom of each gable.

6 Apply a coat of elastomeric coating on the entire roof using a long handled paint roller. Read the label for coating directions and drying times.

#### Tips

Take the old vents or a picture of them with you to the home improvement store when shopping for replacement parts.

#### Warnings

Wear a protective painting mask, gloves, and safety glasses to be protected from splinters, razor sharp metal edges, and fumes from the coating.

#### Keywords

install a single wide mobile home roof  
mobile home repairs  
mobile home roofing

#### 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>