



Product description for Fine Metal Roof Tech's
Roofing shingle



FINE METAL
R O O F T E C H

Fine Metal Roof Tech 7023 South 400 West Midvale Utah, 84047 Phone: 801 - 462 - 5264

Fine Metal RT Metal Shingles



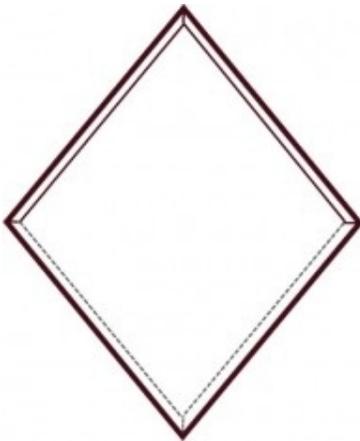
Application Instructions

When installing metal Shingles:

- OSHA fall protection guidelines for sloped roofing should be followed at all times.
- Heat can be generated in any metal roof system. If using a self-adhered membrane as an underlayment, consult manufacturer's guidelines or specifications to ensure that the membrane is designed for use under high-temperature conditions.

Applicable Standards and Codes

- For applicable Florida rating and Metro Dade County Product Control Acceptance please comply with the applicable fastener requirements listed below.
- Class A fire-rated system may be achieved by installing under the roof panels a minimum 1/2"-thick (12.7mm) water-resistant core gypsum sheathing complying with ASTM C 79, 1/4"-thick (6.4 mm) Dens-Deck overlayment board manufactured by Georgia Pacific, or "Versa-shield" non-asphalt fiberglass-based roll roofing manufactured by Elk Corporation, installed over the plywood sheathing. The gypsum and Dens-Deck materials are to be attached to the roof deck with eight 1-1/2"-long (38mm) nails per 4' x 8' sheet. Length of the nails used to attach the metal shingles must be increased by the thickness of the barrier boards.
- Minimum roof pitch 4/12 (18°) for the standard shingle system. Installation on 3/12 (14°) possible, please call.



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Fine Metal RT Metal Shingles

Diamond Shaped Metal Shingle Descriptions and Specifications

- Metal shingles interlock on all four sides with adjacent shingles and into the shingle accessories.
- Metal shingles are hidden and indirectly fastened with metal clips.
- FMRT (Fine Metal Roof Tech) supplies all shingle clips and fasteners for its metal shingles for an additional fee.

Shingle size: 15

- Length 14-1/2"
- Width 14-1/2"
- Standard seam width 9/16" each
- Roof cover per shingle 1.33 square feet
- Roofing square (100 Sq. Ft) requires 78 pieces
- Shingle material:
 - Aluminum 0.026" thick special coated finish (Finish description elsewhere)
Weight per shingle 0.66 lbs. Weight per roofing square 52 lbs +/- 1 lb fasteners and accessories
 - Copper 16 oz or 20 oz thick, bare or/and a variety of finishes there of
Weight per shingle 1.5 lbs. Weight per roofing square 117 lbs +/- 1 lb fasteners and accessories
 - Zinc 0.027" thick natural zinc or special surface finish
Weight per shingle 1.2 lbs. Weight per roofing square 95 lbs +/- 1 lb fasteners and accessories
 - Stainless steel 28 ga thick material, coated or uncoated finish.
Weight per shingle 0.96 lbs. Weight per roofing square 75 lbs +/- 1 lb fasteners and accessories
 - Galvalume 26 gauge thick special coated finish (Finish description elsewhere)
Weight per shingle 0.96 lbs. Weight per roofing square 75 lbs +/- 1 lb fasteners and accessories
- - **Florida and other high wind areas require using 4 clips and 8 screws per shingle.**
- Different size, shape, accessory and installation description on separate documents.

Installation instruction of metal roofing shingles

To install the shingles start at the bottom of the roof or wall (at the drip edge flashing)

After installing the drip edge flashing, described elsewhere, draw up the guide lines onto the roof, using a chalk line for example.

Make sure that the drawn lines are:

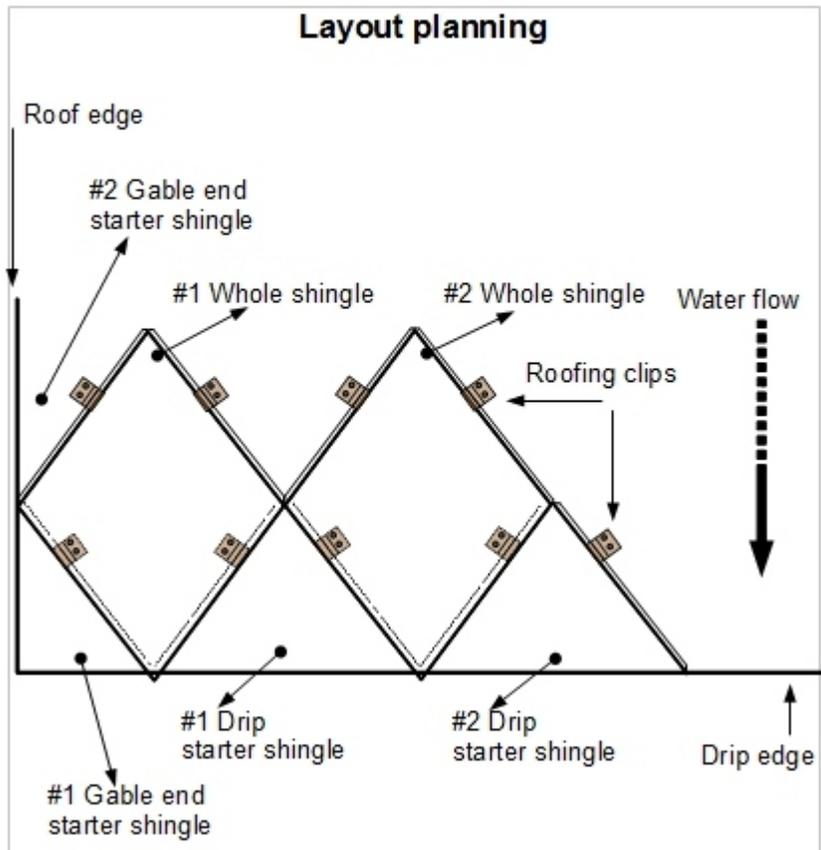
- Perpendicular (90°) to the drip edge for the metal shingle columns
- Parallel to the drip edge for the metal shingle rows
- accurate measurements for the lines are provided in the product delivery

Interlock the shingles with each other after you apply the necessary fasteners to the individual shingles and secure them properly to the roof sheathing.



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Installing the shingles for the first two rows:

- Install starter clip,
- Install gable end flashing
- Install #1 gable end starter shingle
- Install #1 drip starter shingle
- Install #1 whole shingle
- Install #2 drip starter shingle
- Install #2 whole shingle
- Install #3 #4 #5 etc.

Installing the third, fourth etc. rows

- Install #2 #3 #4 gable end shingles
- Install #3 #4 #5 whole shingles etc.



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