



Product description for Fine Metal Roof Tech's
Roofing shingles and accessories



FINE METAL
ROOF TECH

Fine Metal Roof Tech 5066 West Amelia Earhart Drive - Salt Lake City - Utah, 84116 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

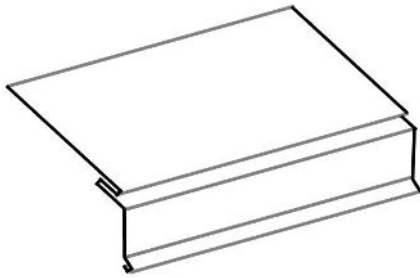
- For applicable Florida rating and Metro Dade County Product Control Acceptance please comply with the applicable fastener requirements listed below.
- Class A fire-rated system may be achieved by installing under the roof panels a minimum 1/2"-thick (12.7mm) water-resistant core gypsum sheathing complying 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 roof panels must be increased by the thickness of the barrier boards.



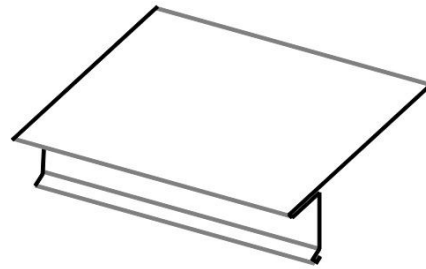
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Fine Metal RT Metal Shingle Accessories

Metal Shingle Accessory Descriptions and Specifications



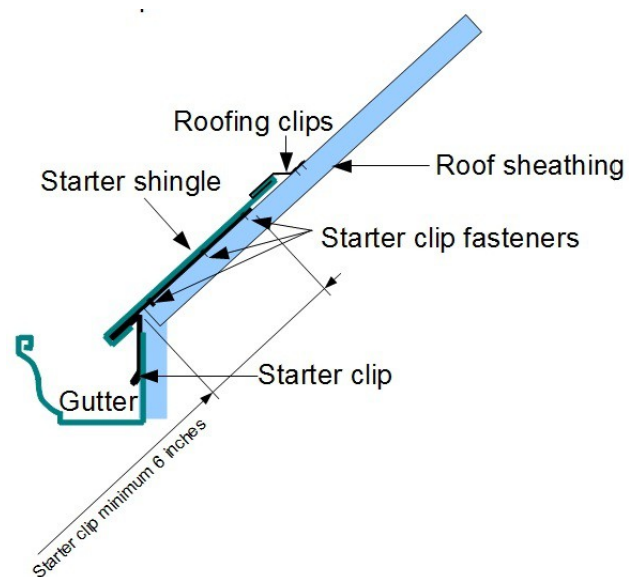
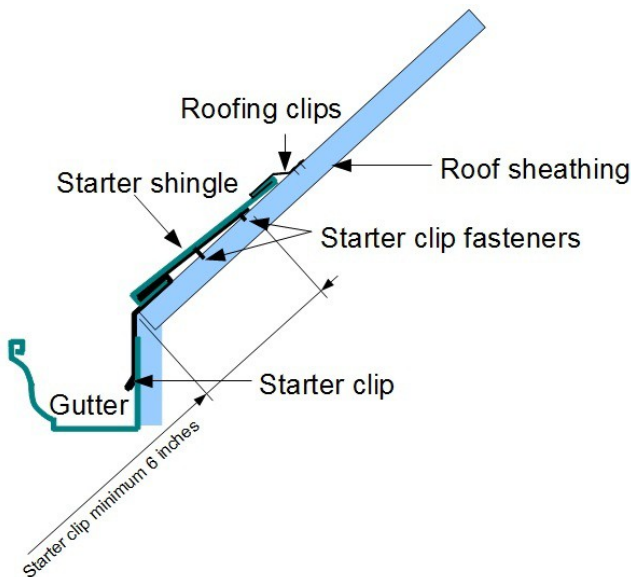
Smooth edge drip edge flashing
(More than 10/12 roof pitch application only)



Drip edge flashing with overhang

Drip edge flashing

- Length 10 feet
 - Aluminum 0.026" thick material, special coated finish (Finish description elsewhere)
Weight per piece 5 lbs +/- 1 lb fasteners and accessories
 - Copper 16 oz or 20 oz thick, bare or/and a variety of finishes there of
Weight per piece 8 lbs +/- 1 lb fasteners and accessories
 - Zinc 0.027" thick natural zinc or special surface finish
Weight per piece 7 lbs +/- 1 lb fasteners and accessories
 - Stainless steel 28 ga thick material, coated or uncoated finish
Weight per piece 6 lbs +/- 1 lb fasteners and accessories
 - Galvalume 26 ga thick material, special coated finish (Finish description elsewhere)
Weight per piece 6 lbs +/- 1 lb fasteners and accessories



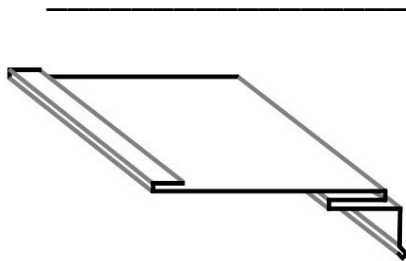
Installation instruction

- Drip edge flashing is to be applied to all eaves prior to installing the roof underlayment and fastened at less than 12" on center in a staggered pattern.
- Drip edge metal must be installed over code complying, minimum 5/8" wood-based structural sheathing.

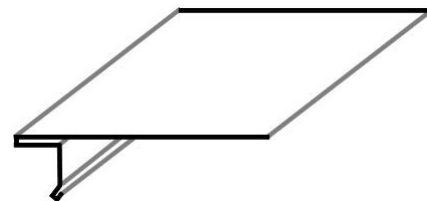
Installation instruction of adjacent roofing shingles into the drip edge flashing

To install the shingles at the drip edge, interlock the supplied drip edge starter shingles with the drip edge flashing and fasten the starter shingle with the provided fasteners.

For custom shaped drip installation, use the edge line of the installed drip edge flashing as a guide, scribe a line on the shingle parallel to the flashing edge. This line will be the hem line for the shingle. Add one inch to the outside of this line and cut along this line. Now use a hemming tool to turn a one inch hem onto the shingle. The shingle can now be installed, be sure to engage the hook on the drip edge flashing. Apply roofing clips and fasteners as described from manufacturer to the custom formed drip edge shingles in the same way as is indicated for the standard shingles.



Smooth edge rake flashing
Low roof pitch applicable



Rake flashing with overhang
(More than 10/12 roof pitch application only)

Rake edge flashing

- Length 10 feet
 - Aluminum 0.026" thick special coated finish (Finish description elsewhere)
Weight per piece 5 lbs +/- 1 lb fasteners and accessories
 - Copper 16 oz or 20 oz thick, bare or/and a variety of finishes there of
Weight per piece 8 lbs +/- 1 lb fasteners and accessories
 - Zinc 0.027" thick natural zinc or special surface finish
Weight per piece 7 lbs +/- 1 lb fasteners and accessories
 - Stainless steel 28 ga thick material, coated or uncoated finish
Weight per piece 6 lbs +/- 1 lb fasteners and accessories
 - Galvalume 26 ga thick material, special coated finish (Finish description elsewhere)
Weight per piece 6 lbs +/- 1 lb fasteners and accessories

Installation instruction

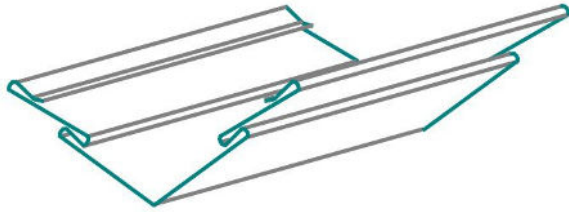
- Rake edge is to be applied to all rake edges after installing the roof underlayment and fastened at less than 12" on center in a staggered pattern for the overhang version and/or applying the provided clips for the smooth edge rake flashing version 12" OC.
- Rake edge metal must be installed over code complying, minimum 5/8" wood-based structural sheathing.

Installation instruction of adjacent roofing shingles into the rake edge flashings

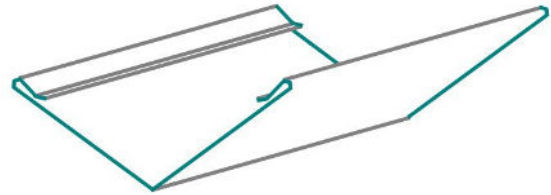
To install the shingles at the rake edge, interlock the supplied rake starter shingle with the rake edge flashing and fasten the starter shingle with the provided fasteners.

For custom shaped rake edge installation use the edge line of the installed rake edge flashing as a guide, scribe a line on the shingle parallel to the flashing edge. This line will be the hem line for the shingle. Add one inch to the outside of this line and cut along this line. Now use a hemming tool to turn a one inch hem onto the shingle. The shingle can now be installed, be sure to engage the hook on the rake edge flashing. Apply roofing clips and fasteners as described from manufacturer to the custom formed rake edge shingles in the same way as is indicated for the standard shingles.

Metal Shingle Accessory Descriptions and Specifications



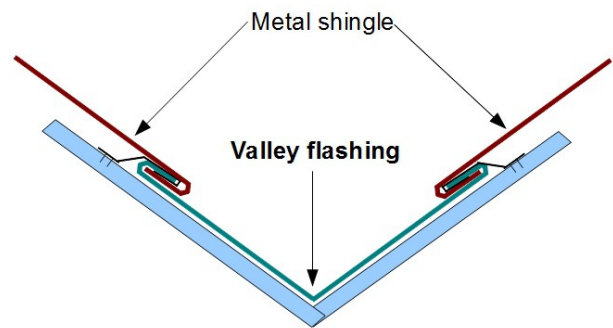
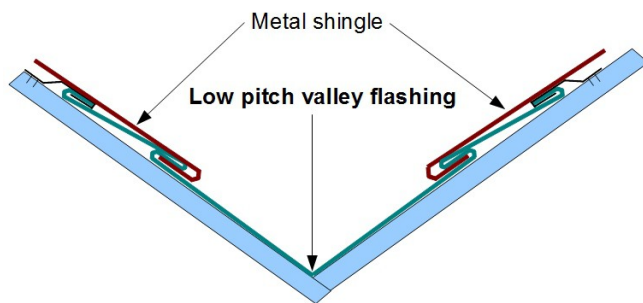
Low pitch valley flashing



Valley flashing

Valley flashing

- Length 10 feet
- Material width 16" - 20" - 24"
- Aluminum 0.026" thick special coated finish (Finish description elsewhere)
 - Weight per piece 8.5 lbs +/- 1 lb fasteners and accessories
- Copper 16 oz or 20 oz thick, bare or/and a variety of finishes there of
 - Weight per piece 16 lbs +/- 1 lb fasteners and accessories
- Zinc 0.027" thick natural zinc or special surface finish
 - Weight per piece 14 lbs +/- 1 lb fasteners and accessories
- Stainless steel 28 ga thick material, coated or uncoated finish
 - Weight per piece 11 lbs +/- 1 lb fasteners and accessories
- Galvalume 26 ga thick material, special coated finish (Finish description elsewhere)
 - Weight per piece 6 lbs +/- 1 lb fasteners and accessories

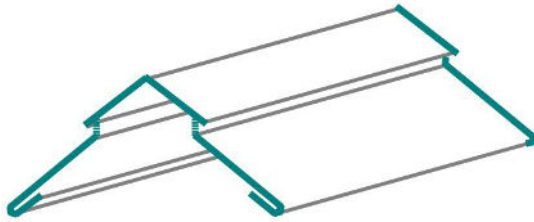


Installation instruction

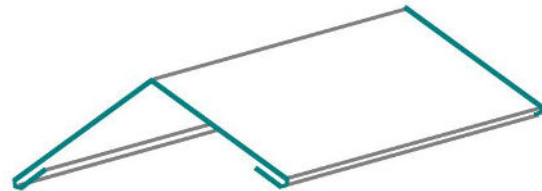
- Valley flashing is to be applied to roofs after installing the roof underlayment and fastened at less than 24" on center with the supplied fasteners. Do not fasten in the middle of the water flow i.a. in the middle of the valley, puncturing the underlayment.
 - Valley metal must be installed over code complying, minimum 5/8" wood-based structural sheathing.
- The typical condition for the metal shingle at a valley consist of the shingle being hemmed and engaged onto the valley.

To install the shingles at the valley, use the edge line of the valley as a guide, scribe a line on the shingle parallel to the valley edge. This line will be the hem line for the shingle. Add one inch to the outside of this line and cut along this line. Now use a hemming tool to turn a one inch hem onto the shingle. The shingle can now be installed. Be sure to engage the hook on the lower shingle and the valley edge.

Metal Shingle Accessory Descriptions and Specifications



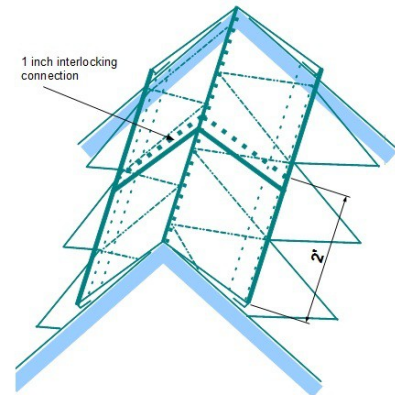
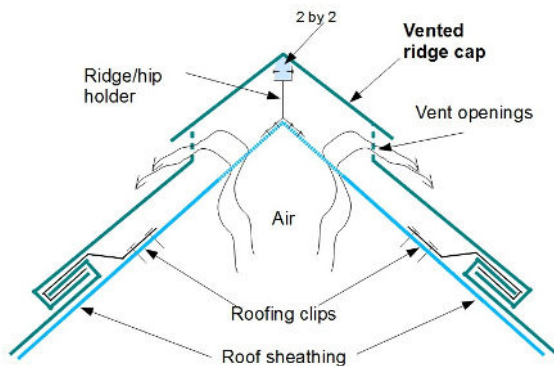
Vented ridge/hip cap



Unvented ridge/hip cap

Ridge/hip caps (vented and/or unvented)

- Length 2-3 feet
 - Aluminum 0.026" thick special coated finish (Finish description elsewhere)
Weight per piece 8.5 lbs +/- 1 lb fasteners and accessories
 - Copper 16 oz or 20 oz thick, bare or/and a variety of finishes there of
Weight per piece 16 lbs +/- 1 lb fasteners and accessories
 - Zinc 0.027" thick natural zinc or special surface finish
Weight per piece 14 lbs +/- 1 lb fasteners and accessories
 - Stainless steel 28 ga thick material, coated or uncoated finish
Weight per piece 11 lbs +/- 1 lb fasteners and accessories
 - Galvalume 26 ga thick material, special coated finish (Finish description elsewhere)
Weight per piece 6 lbs +/- 1 lb fasteners and accessories



Installation instruction vented ridge/hip cap

- Ridge/hip cap (cap) to be applied to roofs after installing the roofing shingles and to be fastened at the ends of the cap with the supplied fasteners. Cap overlaps to be 3" and tightened together with a seaming tool.

Installation instruction unvented ridge/hip cap

- Ridge/hip cap (cap) to be applied to roofs after installing the roofing shingles and be fastened at the ends of the cap with the supplied fasteners. Cap fastener clips and the caps interlock with each other at the cap ends.



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