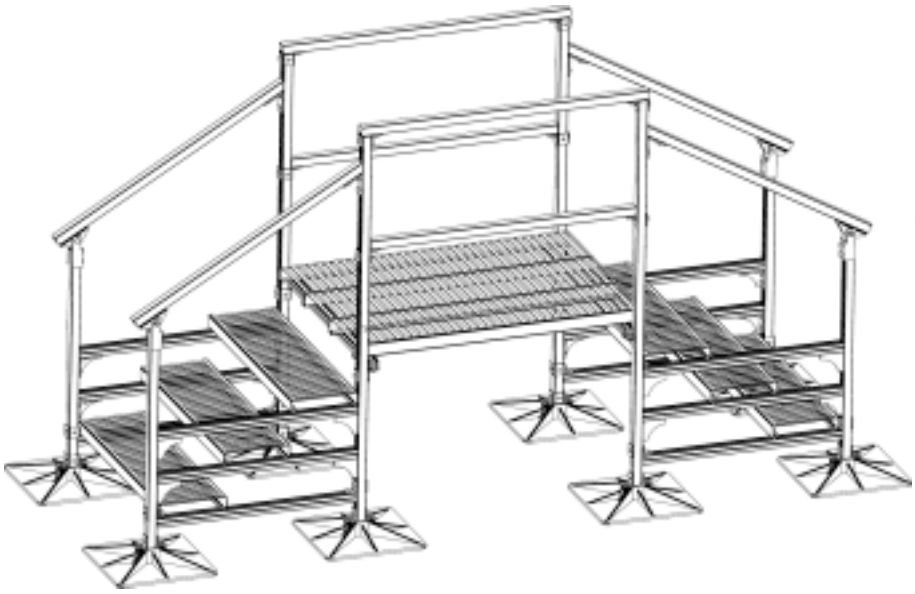
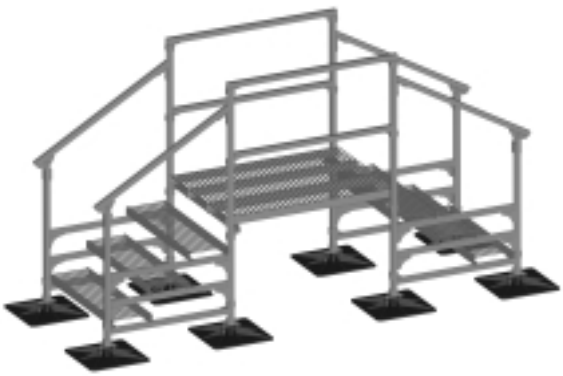
Standard System Specifications

1. Crossover Systems routed across piping shall be supported off the roof by an engineered prefabricated Crossover System specifically designed to be installed directly on the roof without roof penetration, flashing or damage to the roofing material.
2. The system shall be designed to support all weight as required.
3. The system shall consist of the following:
   a. Bases are to be made of high density Polypropylene plastics and other additives for UV protection. Material with inserts for strut or threaded rods as required.
   b. The substructure is made of a 12 gauge back to back strut G-1012A, or approved equal and are supported directly from the bases.
   c. The grating material is made from mill-galvanized carbon steel.
      Metal gauge: 14-ga. steel, 16-ga. steel, 18-ga. steel
      Finish: Mill-galvanized before fabrication, ASTM A525
      Section Width: 12", 9", 6"
      Channel Height: 1½", 2½", 3" and 4"
      Flange Options: FM, MM, FF
      Surface condition: MG – traction grip, MS – smooth
   d. The handrail is assembled from a 12 gauge, 1⅝" strut G-5812, or approved equal.
4. All substructures and handrails shall be galvanized steel. Nuts, threaded rods and washers shall be electro-plated.
5. Crossover Systems shall be manufactured by Firestones or approved equal.

Installation

1. Lay out isolation pads.
2. Place bases on isolation pads.
3. Insert preassembled steps into bases.
4. Attach grating to steps with hold-down clamps.
5. Attach intermediate and top handrails, if provided.





Crossover Systems for built-up, single-ply and sloped, standing seam metal roofs