General Installation Recommendations

Recommended Clearance

Steel: 1/4" minimum is recommended at perimeter and 3/8" maximum at end joints. Maximum between panels is 1/4"; 1/8" is generally used.

Concrete: Concrete form deflection calls for slightly greater perimeter clearance. 1/2" is recommended. (Maximum between panels is 1/4").

Bearing Surfaces

Recommended minimum bearing 1 1/2". Surfaces supporting Grip Strut Grating must be smooth and level to insure that adjoining sections provide a safe, even walking surface.

Permanent Installation

Grip Strut Safety Grating is easily welded to supports for permanent installations. Channels are quickly welded together between supports to provide uniform deflection in adjacent panels.

For welded-attachment, secure side channels to supports by fusion welding with 1/8" fillet welds, 1" long. Weld adjacent planks together with 1/8" fillet welds, 1" long, 24" on center staggered top and bottom.

Install Grip Strut Safety Grating according to details as shown on individual job drawings, or as follows:
(1) Single width applications. Utilizing the anchoring device or weldings, attach Grip Strut Grating plank at every point of contact with supporting structure around perimeter of plank.
(2) Multiple width applications. Utilizing the Grip Strut Safety Grating anchoring device or welded as recommended by A.I.S.I., attach grating plank around the perimeter at each point of contact with supporting structure. In field of platform, attach plank to supporting structure with a minimum of one attachment at each end of plank on alternate sides.

When span exceeds 8 feet, weld or bolt side channels of adjacent planks together at midpoint of span. (When spans exceed 6 feet, consider similar treatment.)