

GRATING - Welding Standards

Kickplate Welded to Transverse Bars

The top half of each transverse bar is welded to the kickplate.

At approximately 300mm intervals, the transverse bar is replaced by a stiffener which is seal welded to the bearer bar and kickplate.

Kickplate Welded to Bearer Bars at 90°

Corners are welded on one side.

An appropriate weld is made on one side only, at approximately every fourth bearer bar

Banding Welded to Transverse Bars

At appropriate intervals the transverse bar is replaced by a stiffener which is welded to the banding.

The top of every alternate transverse bar is welded to the banding.

Kickplate Welded to The Bearer Bar

A gap of 3 to 5mm is allowed between the bearer bar and the kickplate. This gap is to allow adequate corrosion protection in cases where special finishes are required.

A weld of 20 to 30mm long at approximately every 300mm is run alternatively top and bottom

Banding Welded to Transverse Bars

Corners are welded on one side.

Every fourth bearer bar is welded with an appropriate weld.

Width Joining of Grating Panels

A gap is left between the transversals.

At appropriate intervals the transverse bar is replaced by a stiffener which is welded to the bearer bar. The first transversal is welded on the top only.