Crossing panels

Above:
Crossing panel setup example

Right:
Heavy duty panels in use on a mine site

Level crossing panels are designed in accordance with AS3600 allowing for W80 wheel loads and manufactured with our standard 50MPa concrete mix and minimum 25mm cover to reinforcement.

Standard modules are supplied in 1,820 mm length modules which can be assembled side by side to acheive the length required. Each module consists of one inner panel and two outer panels to suit standard or narrow gauge rail applications.

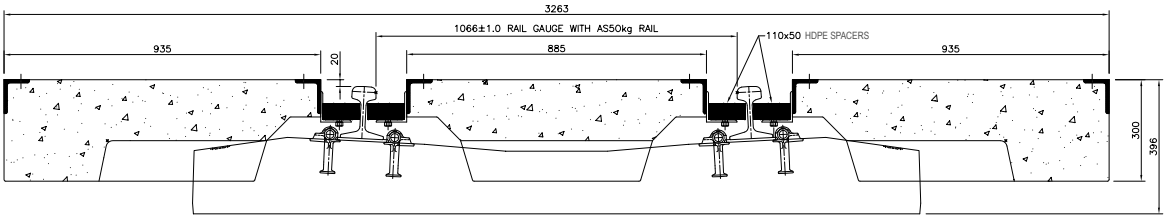
Panels are maintained in place by gravity and a shear key to minimise differential movement between adjacent panels.

Standard modules are designed for low volume, low speed (20 - 30 km/hr) applications such as access tracks and rail yards. Heavy duty modules for heavier vehicle loads can be designed upon request.

Installation steps

1. Excavate ballast at crossing location to suit bearing area of panels.
2. Modify sleeper spacing to suit panel module length of 1820 mm if required (typically 600 mm spacing).
3. Prepare and compact the bearing area and use fine crushed rock to achieve a neat level surface.
4. Install panels on the prepared area.
5. Install the HDPE spacers.
6. Reinstate excavated ballast as required.

Standard 1820 mm module
Narrow gauge shown (Standard gauge also available)



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