



CONCRETE PAVEMENTS

Maximum Tiebar Spacings in Longitudinal Joints

The following table summarises the recommended (Austroads) max tiebar spacings for 12 mm dia deformed bars of 500 MPa yield strength.

Distance of joint to closest free edge (m)	Tiebar spacing for slab thicknesses of			
	230 mm	250 mm	275 mm	300 mm
3	1200	1200	1200	1200
4	1100	1050	975	900
5	900	850	800	700
6	750	700	650	600
7	650	600	550	525
8	600	550	525	450

Notes:

1 Other pavement thicknesses may be interpolated and rounded off downwards. Accuracies of less than 25 mm are not recommended.

2 For full width CRC Pavements it is normal to take the transverse steel across the induced joint. This eliminates the need for tiebars. Some adjustment to the vertical location of the longitudinal steel may be req'd.