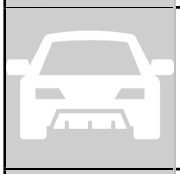
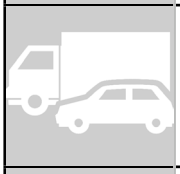
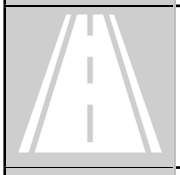
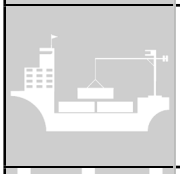
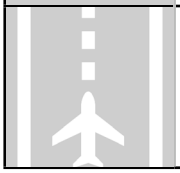
Load Class Guide

Class Rating		Nominal Wheel Loading (KG)	Serviceability Design Load (KN)		Ultimate Design Load		Recommended Uses
			AS3966	EN1443	AS3966	EN1443	
	*Residential* Will withstand 1.5 tonne wheel	N/A	N/A	N/A	N/A	N/A	A non-rated drainage channel designed for use in residential applications such as footpaths and driveways. Will withstand 1.5 Tonne wheel loading
	*Class A* Pedestrians, cyclists	330kg	6.7	10	10	15	Precincts (including footpaths) accessible only to pedestrians & cyclists, closed to any other traffic.
	*Class B* Passenger, Light commercial vehicles	2,670kg	53	83	80	125	Areas (including driveways & footpaths) accessible to passenger & light commercial vehicles.
	*Class C* Slow moving vehicles, heavy commercial vehicles	5,000kg	100	167	150	250	Shopping centres, driveways, parking zones and areas open to slow moving and heavy commercial vehicles.
	*Class D* Highways & fast moving heavy vehicles	8,000kg	140	267	240	400	Highways & roads, warehouse and parking areas subject to fast moving heavy commercial vehicles (rigid/articulated trucks)
	*Class E* Heavy wheeled vehicles, mining & industrial	13,700kg	267	400	400	600	Commercial heavy wheeled traffic, hardwheeled forklifts (pneumatic/ solid tyre), construction equipment, military and mining vehicles
	*Class F* High wheeled vehicles, container terminals, docks	20,000kg	400	600	600	900	High speed vehicles, shipping docks and aircraft traffic subject to high wheel loads.
	*Class G* Heavy loading areas, aircraft pavements, runways	30,000kg	600	600	900	900	Docks and aircraft pavements subject to very high wheel loads, extra heavy duty.

Nominal wheel loadings are given as a guide only. Consideration should be given to pneumatic pressure, type & size of load.

Wheelchair and walking cane compliance
AS 1428.2 Clause 9 Ground and floor surfaces, specifies grate requirements.
'If gratings are located in a walking surface, they shall have spaces no more than 13mm wide and no more than 150mm long. If gratings have elongated openings, they shall be placed so that the long dimension is transverse to the dominant direction of travel'