











## LOAD CLASSIFICATION

European Standard EN1433:2008 / Australian Standard AS3996:2006

CLASS RATING		NOMINAL WHEEL LOADING (KG)	SERVICEABILITY DESIGN LOAD (KN)		ULTIMATE DESIGN LOAD (KN)		TYPICAL USES
			AS3966	EN1433	AS3966	EN1433	
	<b>RESIDENTIAL</b> 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 pathways and driveways.  Will withstand 1.5 Tonne Wheel Loading
	<b>CLASS A</b> <ul style="list-style-type: none"> <li>• Pedestrians</li> <li>• Cyclists</li> </ul>	330	6.7	10	10	15	Precincts (including footways) accessible only to pedestrians & pedal cyclists, closed to any other traffic.
	<b>CLASS B</b> <ul style="list-style-type: none"> <li>• Passenger vehicle</li> <li>• Light Commercial Vehicles</li> </ul>	2670	53	83	80	125	Areas (including driveways & footpaths) accessible to passenger & light commercial vehicles.
	<b>CLASS C</b> <ul style="list-style-type: none"> <li>• Slow Moving Vehicles</li> <li>• Heavy Commercial Vehicles</li> </ul>	5000	100	167	150	250	Malls and areas open to slow moving and heavy commercial vehicles.
	<b>CLASS D</b> <ul style="list-style-type: none"> <li>• Highways</li> <li>• Fast Moving Heavy Vehicles</li> </ul>	8000	140	267	210	400	Carriageways & roads subject to fast moving heavy commercial vehicles.
	<b>CLASS E</b> <ul style="list-style-type: none"> <li>• Heavy Wheeled Vehicles</li> <li>• Mining &amp; Industrial Areas</li> </ul>	13700	267	400	400	600	General docks and aircraft pavements
	<b>CLASS F</b> <ul style="list-style-type: none"> <li>• High Wheeled Vehicles</li> <li>• Container Terminals, Docks etc</li> </ul>	20000	400	600	600	900	Docks and aircraft pavements subjects to high wheel loads
	<b>CLASS G</b> <ul style="list-style-type: none"> <li>• Heavy Loading Areas</li> <li>• Aircraft Pavements etc</li> </ul>	30000	600	600	900	900	Docks and aircraft pavements subjects to very high wheel loads