

Product Information

Our Walksafe Traffic Barrier is a certified modular system that offers exceptional protection with a minimal footprint to conserve operational space. Galvanised & Powercoated finish available. Tested and compliant with AS/NZS 1170.1 Section 3.8. Standard warranty 2 years.

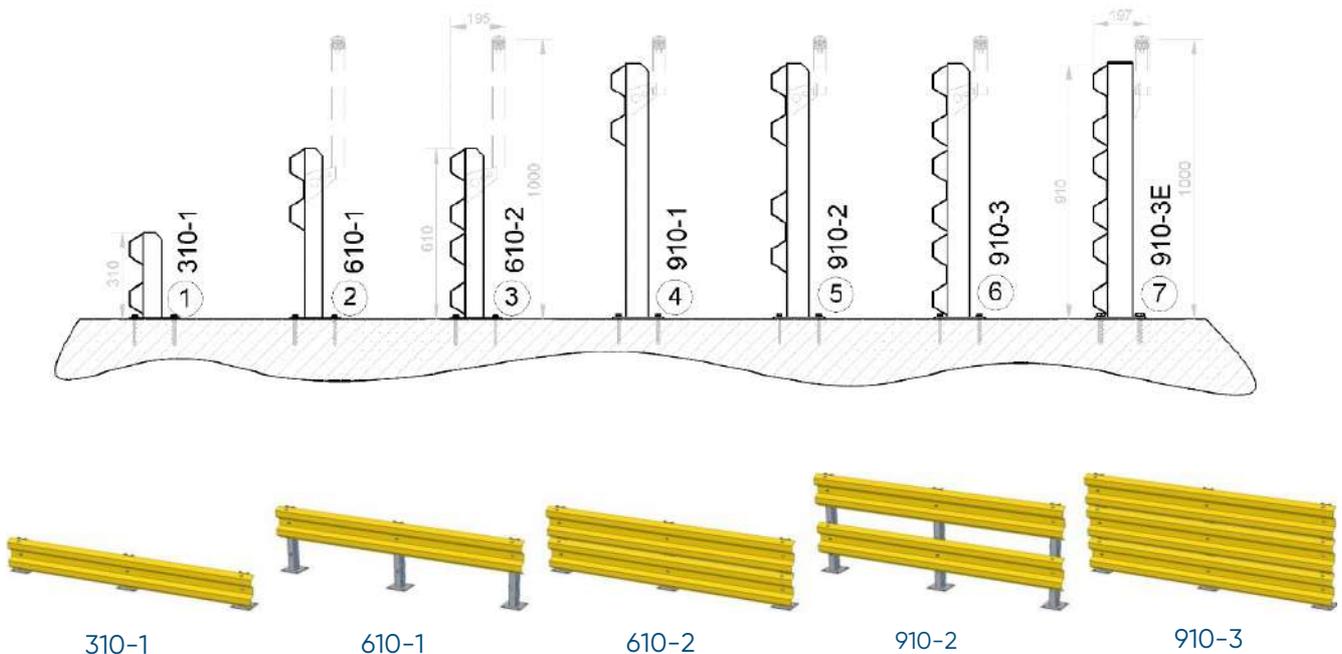
<https://www.vanguardgroup.co.nz/products/pedestrian-management-systems/pedestrian-walkway-systems/product/walksafe-traffic-barrier-system/>



Technical Specification

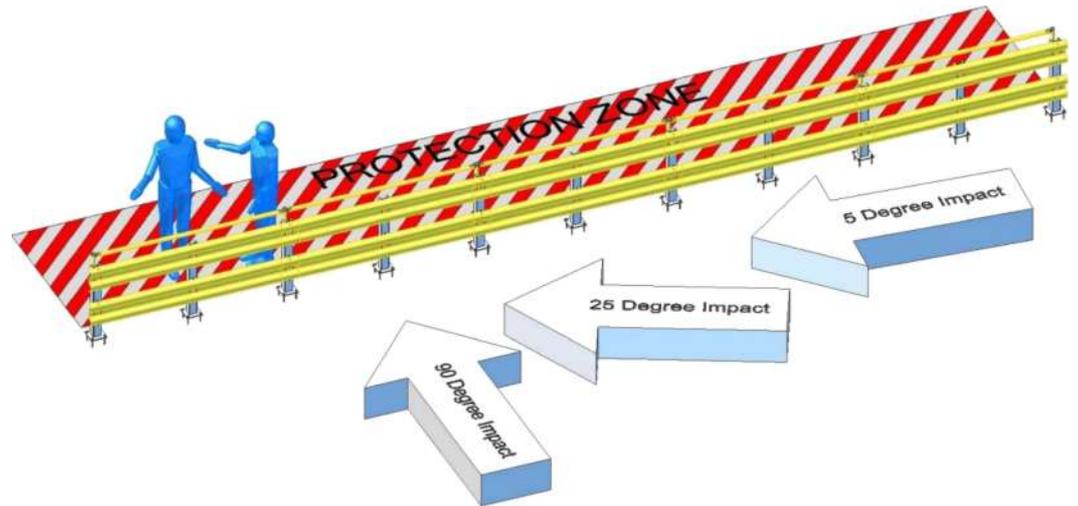
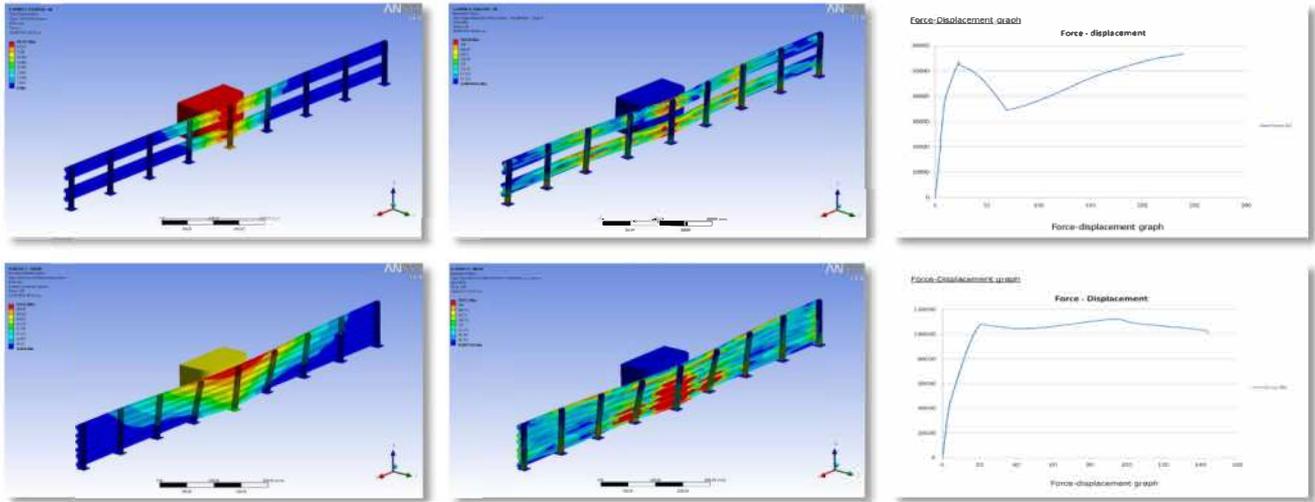
- ✓ Post height; 310mm, 610mm or 910mm.
- ✓ Barrier Rails; 1, 2 or 3 rails for maximum protection.
- ✓ Finish; Safety Yellow, Hot Dip Galvanised or Safety Yellow over Hot Dip Galvanised.
- ✓ Compliant with AS/NZS 1170.1 SECTION 3.8
- ✓ Multiple configurations available to suit any application.

Barrier Configurations



FEA Impact Analysis

The Walksafe Traffic Barrier System has been extensively engineered with various 3D CAD modelling systems to ensure compliance with AS/NZS 1170.1 SECTION 3.8. This includes analysis with FEA [Finite Element Analysis] which is a method for calculating stress in a structure when a force is applied. This has resulted in the Walksafe Traffic Barrier system being engineered for optimum performance in the event of a serious impact.



Configuration	Vehicle Mass	90° Impact	25° Impact 7.1	5° Impact
1(310-1]	7T/15,400lbs	4.6kmh/2.9mph	kmh/4.4mph	15.7kmh/9.8mph
2(610-1]	7T/15,400lbs	3.5kmh/2.2mph	5.3kmh/3.3mph	11.7kmh/7.3mph
3(610-2]	7T /15,400lbs	7.4kmh/4.6mph	11.3kmh/7.0mph	25.0kmh/15.5mph
4 (910-1]	7T/15,400lbs	4.3kmh/2.7mph	6.5kmh/4.0mph	14.4kmh/8.9mph
5(910-2]	7T /15,400lbs	6.3kmh/3.9mph	9.8kmh/6.1mph	21.5kmh/13.4mph
6(910-3]	7T/15,400lbs	7.4kmh/4.6mph	11.4kmh/7.08mph	25.0kmh/15.5mph
7(910-3E]	23T/50,700lbs	7.5kmh/4.7mph	11.5kmh/7.15mph	25.3kmh/15.7mph

