



## Ricochet TL2 Barrier

The Ricochet TL2 Safety Barrier and Terminal End is a rotational molded product manufactured from LHDPE (Linear High Density Polyethylene) polymer.

These Barriers can be connected together by using the Ricochet galvanized pin to form a longitudinal straight or curved line for protection and traffic flow direction for all road and construction sites and situations. Barriers are designed to be filled with water in accordance with the TL2 MASH standard they are certified for.

The Ricochet Terminal End and Terminal End Cap are designed to connect directly to the Ricochet Safety Barrier to form 'Terminal Ends' at each installed length of barrier which results in the certified 'system'.

In-service impact deflection in excess of the test values indicated below must be allowed for in any temporary traffic management plan utilising the Ricochet TL2 Safety Barrier System. All relevant minimum requirements of CoPTTM in regard to working spaces and safety zones must be met irrespective of the variant in use, in particular the test level of the system must meet or exceed the test level required for the operating speed of the adjacent traffic (refer CoPTTM B12.1).

<b>Dimensions</b>	2000mm length (pin to pin length is 1700mm when inter-connected) 580mm width, 1020mm height
<b>Weight:</b>	Barrier: 62kg (empty), 620kg (full) Terminal end: 42kg
<b>Minimum Length</b>	61m (2 x end treatments (each 2 yellow sections + end cap) and 32 x orange barrier sections)
<b>Clear Area</b>	6m x 22.5m clear area to enable the system to gate if hit downstream from the head
<b>Grade or Placement Restrictions</b>	<ul style="list-style-type: none"> <li>– Ground conditions must be of satisfactory compactness and levelness does not exceed 10% (1 vertical, 10 horizontal) for both longitudinal and cross slope.</li> <li>– Must not be installed on top of or in front of any curbs or channels</li> </ul>
<b>Water Fill Capacity</b>	600 litres for each barrier
<b>Deflection</b>	2.27m (50 km/h, 2270kg pick-up, 25° angle) 3.50m (70 km/h, 2270kg pick-up, 25° angle)

### Other Restrictions / Considerations

- Terminal End units and Terminal End Barrier Caps (Yellow) must not contain water as they are certified not to.
- When assembling the Barrier System always have a clear working zone of at least 2 metres on either side of the barrier
- Lifting Barriers must be by mechanical methods and use the lifting provision slots as provided.

## Other Considerations

- Should the end treatment component of this system not be fitted, the barrier system will be considered non-conformant.
- Apply antifreeze additives in the water when using in sub-zero conditions. Use antifreeze ratios as per System Supplier's specifications.
- When filling barriers with water it is advisable to fill from the construction site side of the barrier.
- Once barriers are filled then position the chevrons into their appropriate positions. One chevron to be installed every fifth barrier.
- The contractor must ensure the ground is compacted and there are no humps or hollows.
- Every alternative working day the system must be checked for alignment, barrier continuity, damage and cracks.
- Repairs and adjustments must be made to alignment faults greater than 30mm within one hour of occurrence, or within one hour of inspection, whichever allows the earliest remedial repairs to be undertaken.
- The Ricochet Barrier Cage Packs should be used when transporting the Ricochet Barrier System. These are a safe and efficient cage method of transporting the product; they are also very useful for storage.
- The Ricochet Road Barrier System is covered by a 3 year warranty which covers the general wear & tear and performance of the product. Any damage of the product must be reported to the seller within 3 days of occurrence.