

Interim Acceptance for Safety Barrier Product

Product: Ricochet™ TL-2 Plastic Barrier System

Safety Barrier - Temporary

Expiry Date: 30 June 2017

The Ricochet™ TL-2 temporary barrier system has been tested in accordance with the AASHTO Manual for Assessing Safety Hardware (MASH) procedures and found to comply with the required evaluation criteria for Test Level 2 (TL-2). Pending further updates to the NZ Transport Agency's M23 Specification for Road Safety Barrier Systems, the Ricochet™ TL-2 temporary barrier system is granted interim acceptance by the NZ Transport Agency for use in temporary traffic management installations on the state highway network, with the following conditions:

Product Identification



Ricochet™ TL-2 End Treatment



Ricochet™ TL-2 Barrier section

Conditions of Use

The Ricochet™ TL-2 temporary barrier system must be installed and maintained in accordance with the product installation/maintenance manual and relevant NZ Transport Agency specifications. NZ Transport Agency specifications and standards shall prevail where there is discrepancy between the product manual(s) and the NZ Transport Agency specifications and standards.

Installers must ensure that they are familiar with relevant conditions, requirements and limitations of the system, particularly with regard to the appropriate length of need, minimum installation length and test deflection. Vehicle impacts that vary from the MASH impact conditions may result in significantly different results than those experienced in testing.

The Ricochet™ TL-2 temporary barrier system has been evaluated in accordance with the Test Level 2 criteria presented in MASH under the following test conditions:

- 1100kg small car and 2,270kg pick-up impacting the barrier system end-on and at 25° at a nominal speed of 70kph.

All units **must** be connected with the appropriate steel connecting pin **and** filled with water when in use.

The Ricochet™ TL-2 End Treatment forms an integral part of this system and **must** be installed and maintained in accordance with the product installation/maintenance manual and relevant NZ Transport Agency specifications.

Should the end treatment component of this system **not** be fitted, the barrier system will be considered non-conformant with this acceptance.

The minimum installation length for the Ricochet™ TL-2 temporary barrier system is 61m comprising 2 x end treatments (each 2 yellow sections + end cap) and 32 x orange barrier sections.

A copy of this Interim Acceptance memorandum must be appended to the Installation Manual.

Expiry of Acceptance

This acceptance expires on 30 June 2017 and replaces any previous acceptance.

New installations of the Ricochet™ TL-2 temporary barrier system must not be deployed on the state highway network after the expiry date of acceptance unless a further period of acceptance is granted or the product has been formally included in the NZ Transport Agency M23 Specification for Road Safety Barrier Systems, in which case the M23 specification would replace this interim acceptance.

Should the NZ Transport Agency discover that the qualification testing was flawed, that in-service performance reveals unacceptable safety problems, or that the system being marketed differs significantly from that which was crash tested, it reserves the right, at any time, to modify or revoke its acceptance of the Ricochet™ TL-2 temporary barrier system.

Authorised by the National Manager Traffic & Safety