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Interim Acceptance Letter for Safety Barrier Product

**Product: Armorflex P2 TL-2 Plastic Barrier
Safety Barrier – Temporary**

Expiry Date: 30 June 2011

The Armorflex P2 TL-2 plastic barrier system has been tested in accordance with NCHRP Report 350 and is deemed to comply with the required evaluation criteria for Test Level 2 (TL-2). Pending further updates to the NZTA's M23 Specification for Roads Safety Barrier Systems, the Armorflex P2 system is granted interim acceptance by the New Zealand Transport Agency for use on the state highway network, with the following conditions:

Product Identification



Conditions of Use

The Armorflex P2 temporary barrier system must be installed and maintained in accordance with the product installation/maintenance manual and relevant NZTA specifications. NZTA specifications and standards shall prevail where there is discrepancy between the product manual(s) and the NZTA 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 NCHRP Report 350 impact conditions may result in significantly different results than those experienced in testing.

The Armorflex P2 temporary barrier system has been evaluated in accordance with the Test Level 2 criteria presented in NCHRP Report 350 under the following test conditions:

- 820kg small car impacting at an angle of 20° and a nominal speed of 70kph;
- 2,000kg pick-up truck impacting at an angle of 25° and a nominal speed of 70kph.

Units **MUST** be connected with the appropriate steel connecting pin and filled with water when in use. Since there is currently no crashworthy terminal for the Armorflex P2, its ends should be flared away from approaching traffic or adequately shielded.

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

Expiry of Acceptance

This acceptance expires on 30 June 2011 and replaces any previous acceptance. New installations of the Armorflex P2 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 M23 Specification for Roads Safety Barrier Systems, in which case the M23 specification would replace this interim acceptance.

The New Zealand Transport Agency reserves the right to rescind or modify, at any time, acceptance of the Armorflex P2 temporary barrier system.

Authorised by the National Traffic and Safety Manager