

## **Interim Acceptance for Safety Barrier Product**

**Product:                   ArmorZone™ TL-2 Plastic Barrier System**

**Safety Barrier - Temporary**

**Expiry Date:           30 June 2013**

---

The ArmorZone™ TL-2 temporary barrier system, previously known as Armorflex P2 TL-2 plastic barrier system, has been tested in accordance with NCHRP Report 350 and was deemed 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 ArmorZone™ TL-2 temporary barrier system is granted interim acceptance by the NZ Transport Agency for use on the state highway network, with the following conditions:

### **Product Identification**



**ArmorZone™ TL-2 End Treatment**



**ArmorZone™ TL-2 Barrier**

### **Conditions of Use**

The ArmorZone™ 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 NCHRP Report 350 impact conditions may result in significantly different results than those experienced in testing.

The ArmorZone™ TL-2 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.

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

The ArmorZone™ 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.

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

#### **Expiry of Acceptance**

This acceptance expires on 30 June 2013 and replaces any previous acceptance.

New installations of the ArmorZone™ 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.

The NZ Transport Agency reserves the right to rescind or modify, at any time, acceptance of the ArmorZone™ TL-2 temporary barrier system.

**Authorised by the National Traffic and Safety Manager**