

Temporary Barrier

MASH TL2 COMPLIANT

NCHRP-350 COMPLIANT

A VERSATILE MULTI-PURPOSE BARRIER

A high performance barrier to provide work-zone protection to temporary construction sites and other roadside activities

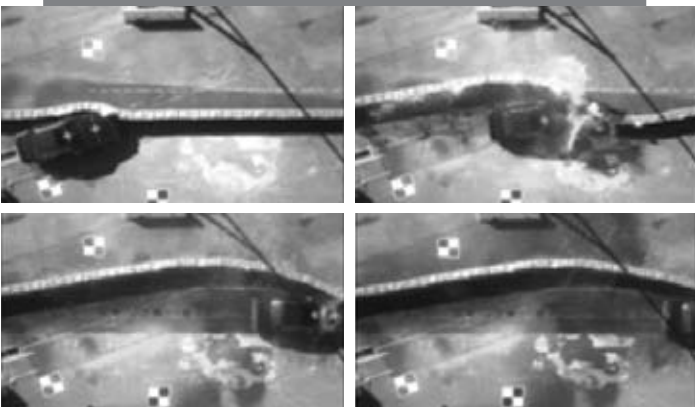
How it Works

The water-filled nature of the **ArmorZone™** barrier simplifies its deployment and transportation while increasing safety during the installation process as the empty barriers only weigh 50 kg and are easily handled by two operators.

The **ArmorZone™** barrier has been crash tested at 70 km/h as a longitudinal barrier with terminal ends and accepted by NZTA as a "temporary system". Upon impact with a wide range of vehicles **ArmorZone™** safely re-directed them from impact at angles up to 25° and speeds up to 80 km/h (EN1317, TB31, N1). Safe and predictable trajectories were observed during the tests.

ArmorZone™ deployment involves interlocking the 2.16 m long units with a unique connecting pin and filling each barrier with 520L of water. **ArmorZone™** can be deployed straight or with low curvature, on either roadside or median applications, in speed zones up to 70 km/h. The **ArmorZone™** barrier has many advantages in the market place including high durability, high performance, fast (and safe installation) at a very competitive cost.

Impact on the ArmorZone™



Features & Benefits

- Excellent work zone barrier protection
- Exceptionally good vehicle control and low deflection
- Simple to use end treatment available
- Easy install and transportation
- Optional water level indicator
- Smooth surfaces and geometry, more forgiving on vulnerable road users
- No external or internal steel structure
- Container "friendly" dimensions allow for effective shipping (84 units fit in a 40' container)
- Optional Water-Opening-Screen to prevent rubbish disposal in barriers
- Stabilised HDPE modules strong enough to absorb nuisance impact without repair
- Environmentally friendly – 100% recyclable
- 120m/h deployment rate

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ArmorZone™ is accepted by NZTA as a “temporary system”. It has been designed with ease of deployment and removal in mind. It excels in durability while performing with a very competitive deflection in its market category. All this being possible due to its unique HDPE formula which places **ArmorZone™** in a league of its own as the ideal temporary barrier for the civil construction market.



Specifications

Overall Length	2160mm (effective 2000mm)
Height	870mm
Width	450mm
Material	HD Stabilised PE (UV8)
Connecting Pin	Galvanised Steel
Weight	50kg (570kg when full)
Water Required	520L (per unit)
Deflection	1.5m (50 km/h)/2.1m (70 km/h)
Leading point of need	16m

