

Road Safety Products

BOYLAN
GROUP

ArmorZone



World's first 100% polyethylene water filled barrier

The ArmorZone is made up of plastic units that when joined together, using a steel connector and filled with water, provide positive work zone barrier protection to temporary construction sites and other miscellaneous roadside activities and has been tested to meet the evaluation criteria NCHRP 350 Test Level (TL-2).

The ArmorZone has an interim acceptance from the national Assessment Panel to 50kph and is currently the only plastic barrier approved as a re-directive barrier.

Specifications

- NCHRP 350 TL-2
- Speed: 50kph
- Height: 870mm
- Width (base): 450mm
- Weight (empty): 50kgs
- Capacity: 560 litres
- Length: 2000mm

Head Office

Unit 8, 42 Peter Brock Drive,
Eastern Creek, NSW, 2766

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Call us 1300 500 055





Advantages

- > Approved to NCHRP 350 TL-2
- > Available for purchase
- > Durable polyethylene plastic
- > 200mm fill hole with plastic cap
- > Temporary Plastic Water Filled Barrier
- > Plastic water release cap at bottom
- > Suitable for impact speeds up to 50 kph
- > Suitable for roadside or median applications
- > Includes steel connecting pin allowing sections to be locked together
- > Can be dispatched in stacks of 13 units
- > **ArmorZone™** TL-2 end treatment available.

Recommended ArmorZone™ Runout and Deflection Area



Safety Barrier Design Report:

Vehicle: Small Car (820kg)					
	Adopted				
Speed	25	20	15	10	5
110					
100					
90					
80					
70					
60					
50		0.47	0.27	0.12	0.03
40					

Vehicle: Utility (2,000kg)					
	Adopted				
Speed	25	20	15	10	5
110					
100					
90					
80					
70					
60					
50	1.04	0.68	0.39	0.18	0.04
40					

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