

ARMORBUFFA END TERMINAL

REVISION REGISTER

Issue & Revision	Description	Date
1	Issued for use.	18/10/2022
1 A	MASH TL 2 configuration accepted.	22/01/2024

The Armorbuffa End Terminal is a non-redirective, gating plastic water filled end terminal that attaches to temporary workzone barriers with a steel transition piece. The system consists of a series of interlocking water filled plastic barrier units.

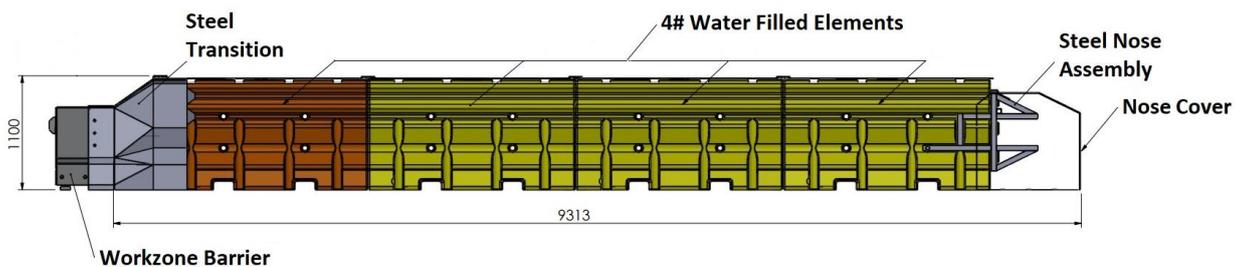
Two configurations are accepted for use:

- ArmorBuffa 4 water filled element system
- ArmorBuffa 2 water filled element system

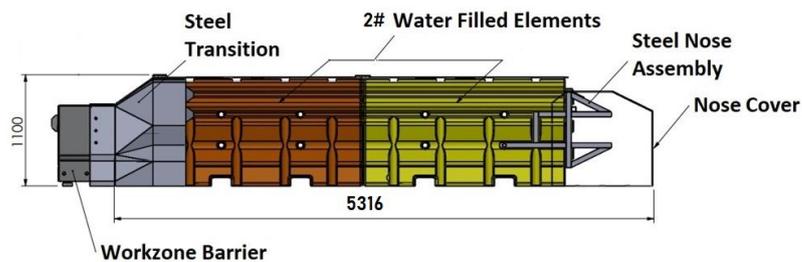
Images:



Photograph of Armorbuffa System (4 Water Filled Elements)



Elevation: ArmorBuffa End Terminal (4 Water Filled Elements)



Elevation: ArmorBuffa End Terminal (2 Water Filled Elements)

Ownership: Valmont Highway International Pty Ltd

ARMORBUFFA END TERMINAL

Supplier: Ingal Civil Products
57-65 Airds Road
Minto NSW 2566
<https://www.ingalcivil.com.au/products/temporary-barriers>

Test Level: Configurations crash tested to MASH TL 3 and MASH TL 2.

Note that while the ArmorBuffa End Terminal has passed crash testing to MASH TL 3, it is not accepted at 100 km/h.

The ArmorBuffa End Terminal (4# Water Filled Elements) is restricted to work zones with a design speed of 80 km/h or less (posted at 70 km/h or less).

The ArmorBuffa End Terminal (2# Water Filled Elements) is restricted to work zones with a design speed of 60 km/h or less (posted at 50 km/h or less) – dependent on the temporary workzone barrier type.

Design:

- Design to be in accordance with the ArmorBuffa Product Manual Release 11/22d.
- As the ArmorBuffa End Terminal is gating, a flat hazard free area of 18.5m long x 6m wide (measured from the connection to the temporary workzone barrier) should be provided.
- A transition piece from the ArmorBuffa End Terminal to the temporary workzone barrier is required.
- All kerbs, islands and elevated objects that would be beneath, beside or less than 15m in front of the unit or along the length of the unit should be removed.

Limitations:

- As the system is non-redirective if used to shield a hazard or a worksite under side impacts, a vehicle may penetrate the system.
- Shall not be used in a permanent application.
- Not to be used on longitudinal slopes or crossfalls greater than 10%.
- Foundation pavement conditions must be smooth and free of snag points, kerbs or obstructions that may interfere with the operation of the product.

Installation and Maintenance Requirements:

The product shall be installed and repaired after impact in accordance with the ArmorBuffa Product Manual Release 11/22d.

Typical Parts to be Replaced After Impact:

Damaged cartridges (elements) and nose cover.

Parts Typically Re-Useable After Impact:

Nil.

References:

ArmorBuffa Product Manual Release 11/22d.

Item	Description
1	Barrier system information can be found on Main Roads file 22/6860