


Safety Barrier System Acceptance Conditions

ABSORB-M Crash Cushion - Temporary

	Issue Date: 11 June 2021	Supplier: Australian Construction Products
	<p>These conditions take precedence over any instructions in the Product Manual.</p> <p>These acceptance conditions should be read in conjunction with the Product Manual and Transport for NSW Specification R132 – Safety Barrier Systems and Austroads Guide to Road Design Part 6: Roadside Design, Safety and Barriers.</p> <p>Transport for NSW may withdraw or modify this acceptance at any time without notice. Users should refer to the Transport for NSW website to ensure they have the latest version of the conditions related to this product.</p> <p>Acceptance of this product does not place any obligation on Transport for NSW, or its contractors, to purchase or use the product.</p>	

Status	Accepted – may be used on the classified road network
Product accepted	ABSORB-M Crash Cushion <u>Variants</u> Nil Variants that are NOT listed above are NOT recommended for acceptance.
Accepted speed	80 km/h

Tested Outcomes

Containment Level	Point of Redirection		Tested Article Length (m)	Anchor/Post Spacing (m)	Notes
	Leading (m)	Trailing (m)			
MASH TL2	Non-redirective		5.29	Freestanding	Permitted on freestanding barrier systems. Speed restricted product to 60km/h on anchored steel barrier systems. Exhibits behaviour similar to a gating terminal
MASH TL3	Non-redirective		7.22	Freestanding	Speed restricted product to 80km/h Exhibits behaviour similar to a gating terminal

Approved Connections

Crash Cushions or Terminals must be fitted to both ends of a barrier	
Public Domain Products	
W-Beam guardrail	Not permitted
Thrie-Beam guardrail	Not permitted
Concrete Type F	Permitted – freestanding only
Proprietary Products	
	Refer to Safety Barrier acceptance conditions for approved proprietary connections

Design Guidance

This product must be installed and maintained in accordance with the Product Manual and Roads and Maritime specifications	
System length (m)	TL2 - 5.29 (2 units) TL3 - 7.22 (3 units)
System width (m)	0.67 metres
Minimum distance to excavation	N/A
Slope limit	Side slope limit: (10%)
Systems conditions	Installation on top of a kerb is not recommended
Gore area use	Permitted
Pedestrian area use	Permitted – consider potential for snagging and deflection
Cycleway use	Permitted – consider potential for snagging and deflection
Frequent impact likely	Permitted
Remote location	Permitted
Median use	Permitted

Foundation Pavement Conditions					
Pavement	Use	Accepted Speed (max)	Post/Pin Spacing (m)	Post/Pin Type	Pavement Construction
Concrete	Permitted	80 km/h			<p style="text-align: center;"><u>Freestanding</u></p> <p>Foundation pavement conditions must be smooth and free of snag points, kerbs or obstructions that may interfere with the operation of the product</p>
Deep lift asphaltic concrete					
Asphaltic concrete over granular pavement					
Flush seal over granular pavement					
Unsealed compacted formation					

Note: Installation in pavement conditions not listed above have not been justified to the Transport for NSW's satisfaction.