


Safety Barrier Technical Conditions for Use

SLED Plastic Water Filled Crash Cushion - Temporary

	Issue Date: 5 December 2020	Supplier: Saferoads Pty Ltd
	<p>These conditions take precedence over any instructions in the Product Manual.</p> <p>This document is a summary of the Austroads Safety Barrier Assessment Panel's assessment of the technical performance of the product against AS/NZS 3845 Parts 1 or 2 only. It does not consider procurement practices by individual Road Agencies.</p> <p>The Austroads Safety Assessment Panel may at any time, withdraw or modify this Technical Conditions for Use without notice.</p> <p>These acceptance conditions should be read in conjunction with the Product Manual and Austroads Guide to Road Design Part 6: Roadside Design, Safety and Barriers.</p> <p>Acceptance of this product does not place any obligation on the Northern Territory Government or its contractors, to purchase or use the product.</p>	

Status	Recommended for Acceptance
Product accepted	SLED Plastic Water Filled End Terminal - Temporary <u>Variants</u> Variants that are NOT listed above are NOT recommended for acceptance.
Accepted Speed	80 km/h
Product Manual reviewed	Australian Version 2.0 - August 2020
Product Manual	https://www.saferoads.com.au/sled-end-terminal

Design Requirements

Containment Level	Point of Redirection (m)		Tested Article Length (m)	Anchor/Post Spacing (m)	Notes
	Leading	Trailing			
MASH TL1	Non-redirective		3.85	Freestanding	Speed restricted product Exhibits behaviour similar to a gating terminal
MASH TL2	Non-redirective		5.77	Freestanding	
MASH TL3	Non-redirective		7.92	Freestanding	

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	Permitted

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Proprietary Products	
	Refer to Safety Barrier conditions for approved proprietary connections

Design Guidance

This product must be installed and maintained in accordance with the Product Manual and Road Agency specifications. Road Agency specifications and standards shall have precedence	
Minimum installation length (m)	7.92
System width (m)	0.7
Slope limit	10%
Systems conditions	1. A 18.5 metre x 6 metre clear run-out area is required, measured from the connection to the longitudinal barrier. 2. Installation on top of a kerb is not recommended.
Gore area use	Permitted
Pedestrian area use	Permitted
Cycleway use	Permitted
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			<u>Freestanding</u> Foundation pavement conditions must be smooth and free of snag points, kerbs or obstructions that may interfere with the operation of the product
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 Panel's satisfaction.