


Safety Barrier Technical Conditions for Use

SLED Plastic Water Filled End Terminal - Temporary

	Issue Date: 5 September 2019	Proponent: 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	Accepted – may be used on the classified road network
Product accepted	SLED Plastic Water Filled End Terminal – Temporary Variants that are NOT listed above are NOT recommended for acceptance.
Product manual reviewed	SLED End Terminal Product Manual Version 1.3.5 December 2017
Product manual	https://www.saferoads.com.au/sled-end-terminal

Design Requirements

Containment level	Accepted speed (km/h)	Vehicle mass (kg)	Point of redirection (m)		Minimum length (m)	Anchor/post spacing (m)	Dynamic deflection (m)	Working width (m)	Notes/Conditions
			Leading	Trailing					
MASH TL3	80 km/h	2270	Gating system		7.92	N/A	N/A	N/A	Speed restricted product

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
Proprietary Products	
	Refer to Safety Barrier conditions for approved proprietary connections

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Design Guidance

System width (m)	0.7 metres
Installation	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 distance to excavation	N/A
Slope limit	Side slope limit: 10 Horizontal to 1 Vertical (10%).
Systems conditions	<ol style="list-style-type: none"> 1. A 18.5 metre x 6 metre clear run-out area is required, measured from the connection to the longitudinal safety barrier. 2. Installation on top of a kerb is not recommended.
Gore area use	Not 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	Not Permitted

Submitted Foundation Pavement Conditions					
Pavement	Use	Accepted Speed (max)	Post/pin spacing (m)	Pavement construction	Post/pin type
Concrete	Permitted	80 km/h			
Deep lift asphaltic concrete					
Asphaltic concrete over granular pavement					
Flush seal over granular pavement					
Unsealed compacted formation					