


# Safety Barrier Technical Conditions for Use

## MASH Sequential Kinking Terminal MSKT

	<b>Issue Date:</b> 10 December 2018	<b>Supplier:</b> Safe Direction Pty Ltd
	<p><b>These conditions take precedence over any instructions in the Product Manual.</b></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	<b>Accepted – may be used on the classified road network</b>
Product accepted	MSKT  <u>Variants</u> • Nil  Variants that are NOT listed above are NOT recommended for acceptance.
Accepted speed (km/h)	100 km/h
Product manual reviewed	PM 022/02
Product manual	<a href="https://www.safedirection.com.au/products/road-barriers/mash-skt-end-terminal/">https://www.safedirection.com.au/products/road-barriers/mash-skt-end-terminal/</a>

### Test Outcomes

Containment level	Point of redirection (m)		Tested article length (m)	Anchor/post spacing (m)	Dynamic deflection (m)	Working width (m)	Notes
	Leading	Trailing					
MASH TL3	Post #3	Post #3	51.4	1.905	N/A	N/A	Gating terminal – clear runout area required

### Approved Connections

<b><i>Crash Cushions or Terminals must be fitted to both ends of a barrier</i></b>	
<b>Public Domain Products</b>	
W-Beam Guardrail	Permitted
Thrie-Beam Guardrail	Not Permitted
Concrete	Not Permitted
<b>Proprietary Products</b>	
Refer to safety barrier Technical Conditions for Use for approved proprietary connections.	

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### Design Guidance

<b>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.</b>	
System length	14.29 metres
System width	0.51 metres
Minimum distance to excavation	Not applicable
Slope limit	Side slope limit: 10 Horizontal to 1 Vertical (10%)
Systems conditions	Installation on top of a kerb is not recommended, however if installed on top of a kerb, all system components must be free to operate.
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	Permitted where rear impact is not possible

<b>Foundation Pavement Conditions</b>					
<b>Pavement</b>	<b>Use</b>	<b>Accepted Speed (max)</b>	<b>Post/pin spacing (m)</b>	<b>Post/pin type</b>	<b>Pavement construction</b>
Concrete	Not permitted				
Deep lift asphaltic concrete					
Asphaltic concrete over granular pavement	Permitted	100 km/h	1.905	Refer to drawings	Minimum AASHTO standard soil
Flush seal over granular pavement					
Unsealed compacted formation					
Natural surface					

**Note: Installation in pavement conditions not listed above have not been justified to the Panel's satisfaction.**