

DoT Accepted Frangible Post Systems

Road Design Note
RDN 06-09
 July 2022



Abstract

This list provides Department of Transport (DoT) accepted frangible post systems. Only DoT accepted frangible post systems can be used on the declared road network, where a frangible post system is required. The use of non-frangible post systems is specified in AS 1742.2 and DoT supplementary information.

Key Information

For product, application and installation details of accepted frangible post systems, refer to specifications from the relevant product supplier. The contact details provided are correct at the time of publication.

Table 1: DoT accepted frangible post systems (see Notes for Table 1)

Product and supplier details ¹	Image
<p>BREAK-SAFE</p> <p>Supplier: Danthonia Designs Elsmore, NSW</p> <p>1800 552 700 info@danthonia.com.au donthonia.com.au</p>	
<p>LATTIX</p> <p>Supplier: Artcraft Pty Ltd National</p> <p>(03) 8762 8900 melsales@artcraft.com.au artcraft.com.au</p>	

Product and supplier details ¹

Image

OPTIMAST

Performance:

MASH compliant TL3 ²

Technical Conditions of Use ³:

Austrroads TCU (20 Dec 2021)

Supplier:

Signfix Australia
Thornton, NSW

(02) 4033 6500
sales@signfix.com.au
www.signfix.com.au



SIGNFIX

Performance:

MASH compliant TL3 ²

Technical Conditions of Use ³:

Austrroads TCU (20 Dec 2021)

Supplier:

Signfix Australia
Thornton, NSW

(02) 4033 6500
sales@signfix.com.au
www.signfix.com.au



Notes for Table 1:

1. Acceptance is based on the information supplied by the proponent at the time of assessment. DoT must be informed of any changes to a product and will determine if a re-assessment is required.
2. MASH compliant means that the product has been successfully crash tested to the American Association of State Highway and Transportation Officials' (AASHTO) Manual for Assessing Safety Hardware (MASH) guidelines (the guidelines that have been adopted in Australia (AS/NZS 3845) as the basis for testing protocols to assess the safety of such devices).
3. A DoT accepted frangible post system must be used within the parameters for which it has been accepted.
 - To improve national harmonisation, the latest version of the relevant Austrroads Technical Conditions of Use (TCU) has been adopted by DoT (link to the latest version at the time of publishing has been provided).
 - Where DoT has specific conditions and/or variants, they will be detailed in this document.

Where a departure from the 'Austrroads TCU' or DoT conditions and/or variants is required, users should understand and document the risks and apply engineering judgement.

References

1. AS 1742.2 Traffic Control Devices for General Use
2. DoT Supplement to AS 1742.2 Traffic Control Devices for General Use
3. DoT Standard Section 714 – Sign Installation

Revision History

Version	Date	Description of Change
2.0	Jul 2022	RDN template style updated Added Optimast product. Updated Signfix product to acknowledge recently obtained MASH compliance. Updated contact details for Signfix Australia.
1.1	Jan 2018	Updated supplier details for Lattix product.
1.0	Oct 2014	First edition