

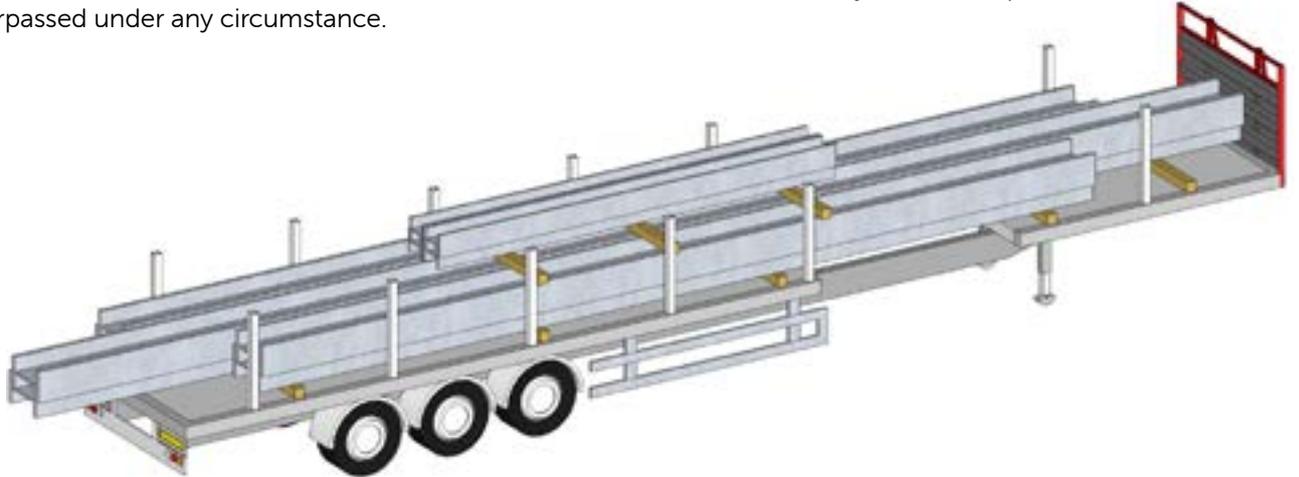
This Technical Advice Document provides guidance on the permissible length variations within a load to prevent damage occurring to an extendable trailer.

1. This Technical Advice Document applies to:



This Technical Advice Document is designed to provide increased load build flexibility around the 6m permissible length differential as specified in [LRG-0102 Structural Sections: Non-bundled using chains](#).

This document demonstrates the maximum allowable limits for load build flexibility, and it is imperative that these limits are not surpassed under any circumstance.



2. Essential requirements

- Base dunnage must be a single layer of square cross-section timber, nominally 140mm x 140mm suitable for forklift loading operations.
- Extendable trailers must use a minimum of 5 base timbers.
- Restraints applied must be compliant with EN:12195, and must be applied in accordance with [LRG-0102 Structural Sections: Non-bundled using chains](#), or [TAD-0139 Non-bundled sections using webbing straps](#).
- [TIS-0012 Axle weights and load distribution](#) guidance must be adhered to.
- When gaps between tiers are required for loading/unloading, then suitable means of controlling the chain gaps must be implemented.

3. Permissible load length matrix

Table 1 specifies the maximum weight allowed for shorter bars based on the load.

Example: 25t load with max 18m product; the load could contain:

- 2.5t of material less than 6m
- 3.75t of material between 6m and 9m
- 7.5t of material between 9m and 12.5m
- 11.25t of material up to 18m

Loads with bars longer than 21.6m require specialist hauliers.

Table 1: Permissible bar length differentials

Other bar lengths	Max Load Length			
	12.6m	15.5m	18.6m	21.6m
<6m	Odd bars to: Max 20% of load	Odd bars to: Max 10% of load	Odd bars to: Max 10% of load	Odd bars to: Max 10% of load
<9m	OK	Odd bars to: Max 15% of load	Odd bars to: Max 15% of load	Odd bars to: Max 15% of load
<12.5m	OK	OK	Odd bars to: Max 30% of load	Odd bars to: Max 20% of load
<15.5m	N/A	OK	OK	Odd bars to: Max 30% of load
Over 15.5m	N/A	OK	OK	OK

There are no specific bar length restrictions for loads with bar lengths all less than 12.6m loaded onto standard trailers.

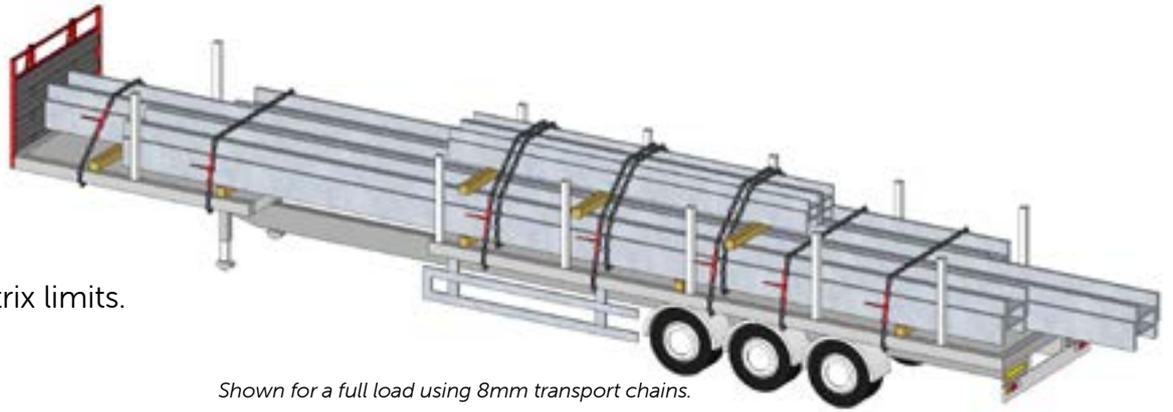
Loads **MUST** be built in a manner so that **ALL** parts of the load are in a position to be fully restrained.



4. Do's and Don'ts



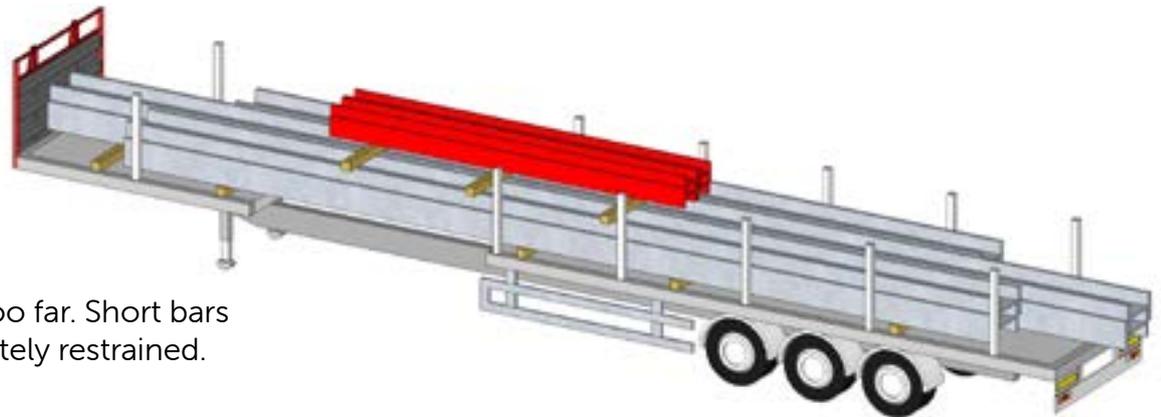
All bars within matrix limits.



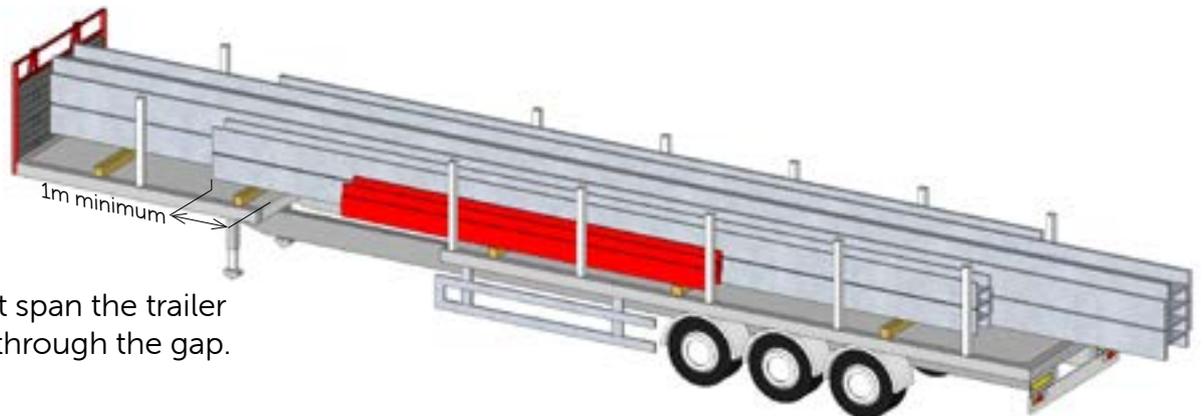
Short bars exceed matrix limits.
Potential damage to trailer.



Trailer extended too far. Short bars cannot be adequately restrained.



Short bars do not span the trailer gap and can fall through the gap.



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TAD-0134 Long Products 6m Rule Guidance (Issue 1)

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