

1. This Technical Advice Document applies to:

- The transportation of 12.1m long steel sections in a square load build on tri-axle tractor units by road from **British Steel Lackenby** to designated UK Ports **ONLY**.

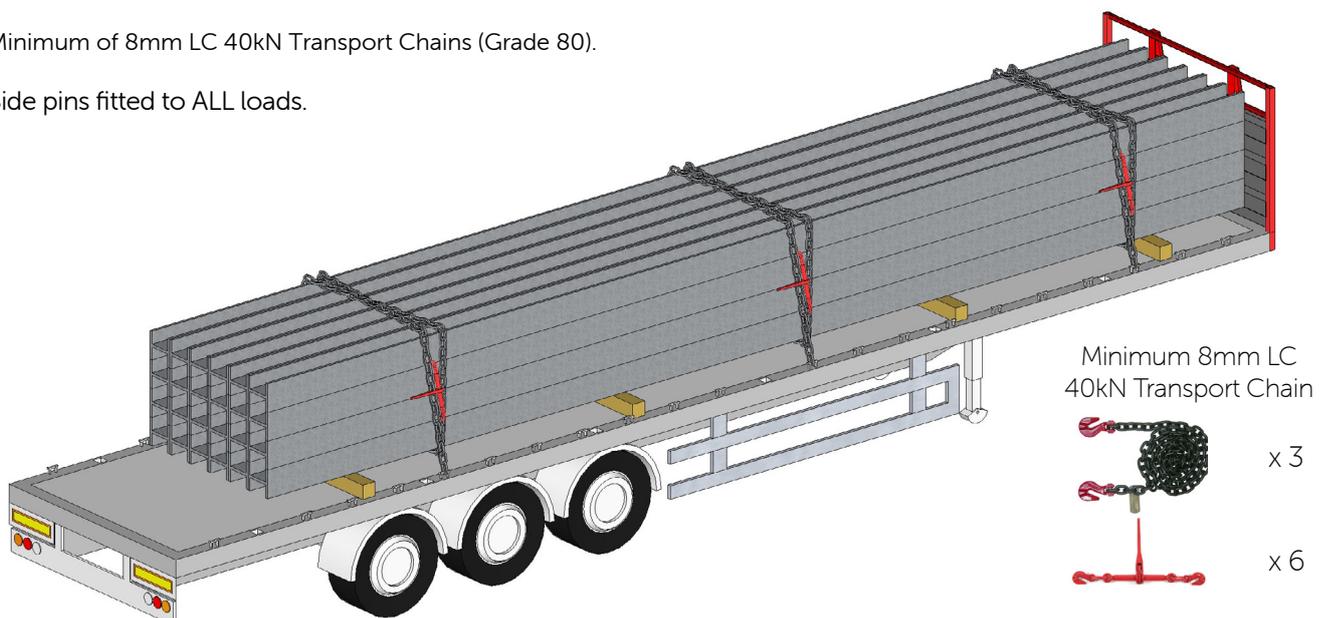
The lowest friction factor determined as per EN 12195-1:2010 Annex B.1.2 is $\mu=0.42$ (Product-on-Product)

2. Essential requirements

- All loads MUST be blocked to a [Code XL headboard](#).
- [No gaps](#) within the load are permitted.
- All restraints must be a minimum of [8mm LC 40kN Transport Chains \(Grade 8\)](#) and must be compliant with EN 12195-3.
- [Lashing points](#) must be rated to match the restraints being used.
- Belly-wrap restraint to be applied in accordance with [TIS-0001 Belly-wrapping](#) with 2off tensioners applied to each restraint.
- A minimum of [4off base timbers](#) with a cross section of 150mm x 150mm.
- [Side pins](#) fitted for loading and unloading safety on all loads. (Removed for image clarity).
- Additional restraint measures must be added during Winter Weather Periods.

3. Load configuration and restraint

- ✓ Base timbers to be a minimum of 150mm x 150mm full width timbers.
- ✓ Load centrally along the trailer bed blocked to the headboard.
- ✓ 3off Belly-wrap restraints on ALL loads blocked to a Code XL headboard.
- ✓ Each belly-wrap restraint MUST have 2off tensioners fitted.
- ✓ Minimum of 8mm LC 40kN Transport Chains (Grade 80).
- ✓ Side pins fitted to ALL loads.

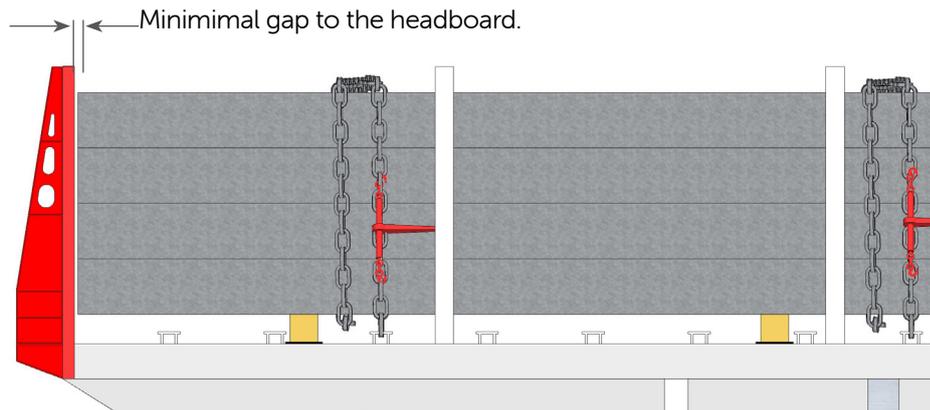


Side pins removed for image clarity

This Technical Advice Document has been designed to meet the forces for road transport only as stated in EN 12195-1:2010 and VDI 2700.

3.1 Load build

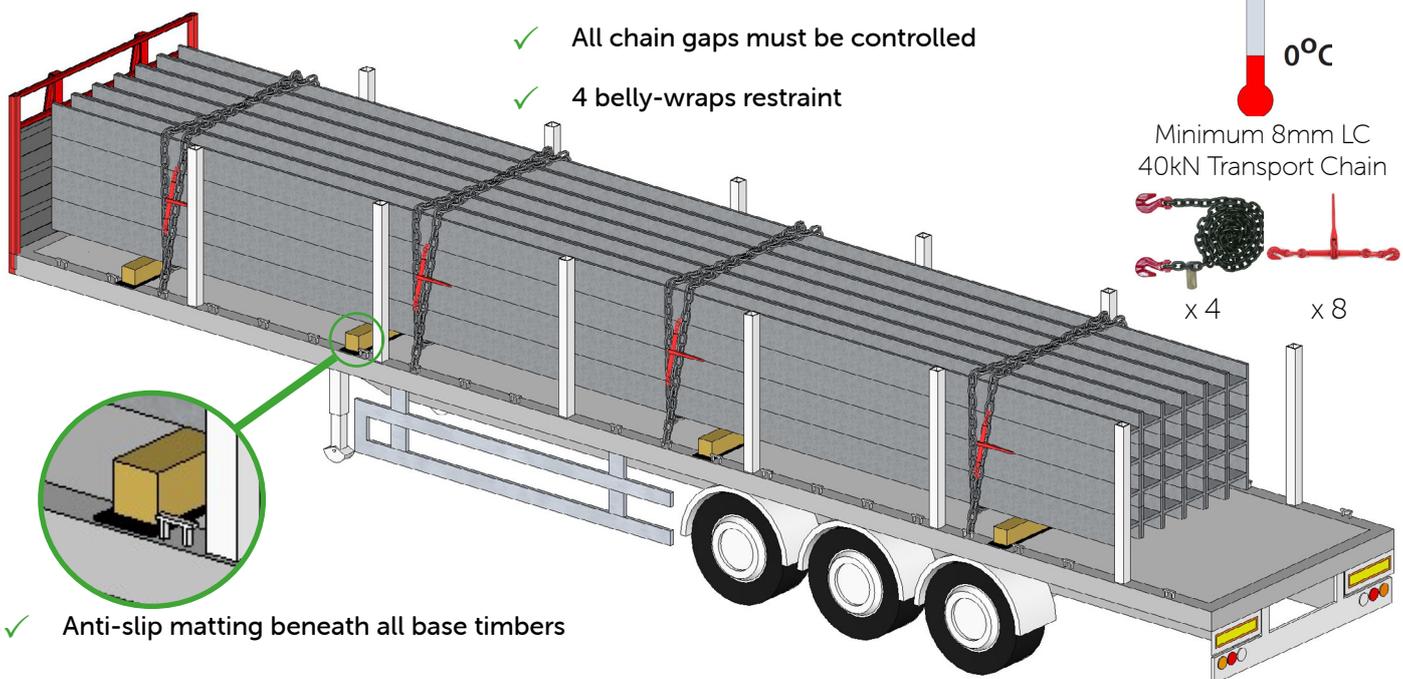
- ✓ Sections stacked flange-on-flange in a rectangular load build configuration.
- ✓ Products should be positioned flush at the front of the load.
- ✓ Load to Code XL headboard
- ✓ Do NOT load above the headboard.
- ✓ Minimal gap to the headboard.
- ✓ No gaps within the load.



4. Winter weather periods

During winter weather periods when there is likelihood of frost and ice forming, additional restraint measures must be applied.

- ✓ Side pins fitted to all loads
- ✓ Load to Code XL headboard
- ✓ All chain gaps must be controlled
- ✓ 4 belly-wraps restraint



- ✓ Anti-slip matting beneath all base timbers

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TAD-0129 AV Dawson Port Movements (Issue 2)

2 BUILDING STRONGER FUTURES

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