

1. This Technical Advice Document applies to:

- The transportation of 12.1m long sectional material with square load build on tri-axle tractor units by road.

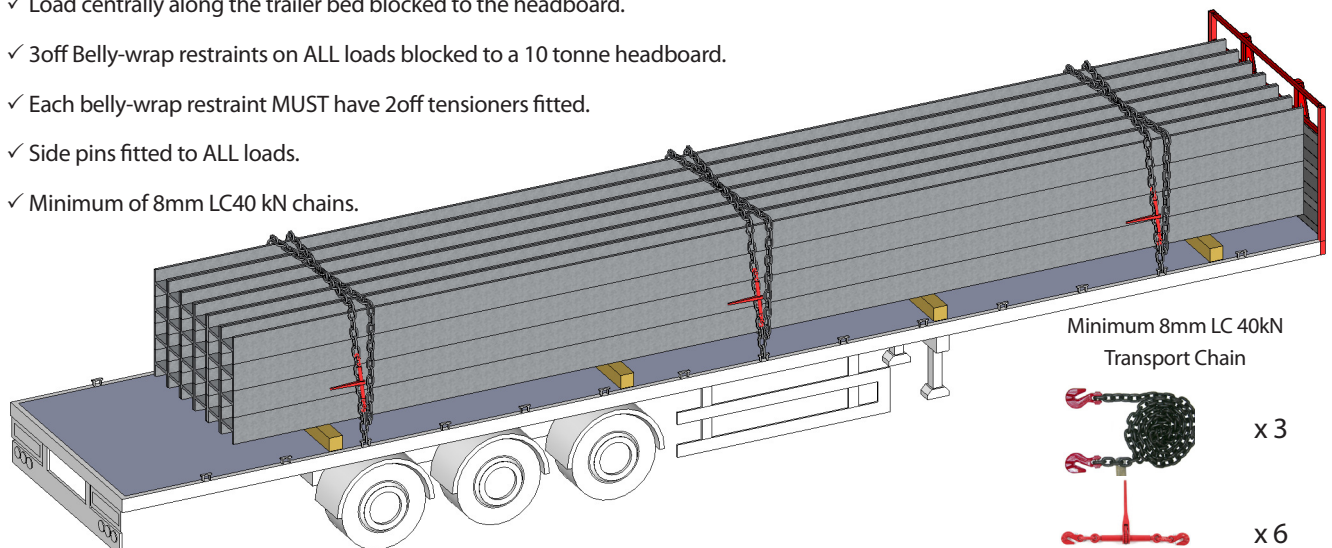
The lowest friction factor determined as per EN 12195-1:2010 Annex B.1.2 is  $\mu=0.42$  (Product-on-Product)

2. Essential requirements

- All loads MUST be blocked to a headboard with a minimum loading capacity of 10 tonnes.
- 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 Advisory Periods.

3. Load configuration and restraint

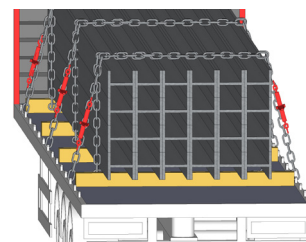
- ✓ Base timbers to be a minimum of 150mm x 150mm full width timbers.
- ✓ Load centrally along the trailer bed blocked to the headboard.
- ✓ 3off Belly-wrap restraints on ALL loads blocked to a 10 tonne headboard.
- ✓ Each belly-wrap restraint MUST have 2off tensioners fitted.
- ✓ Side pins fitted to ALL loads.
- ✓ Minimum of 8mm LC40 kN chains.



Side pins removed for image clarity

3.1 Load build

- ✓ Sections stacked flange-on-flange in a rectangular load build configuration.
- ✓ No gaps within the load.
- ✓ Sections must NOT be loaded above the headboard.



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