



WHY IS IT IMPORTANT?

- ✔ Stops a load from moving
- ✔ Reduces number of lashings
- ✔ Improves restraint system

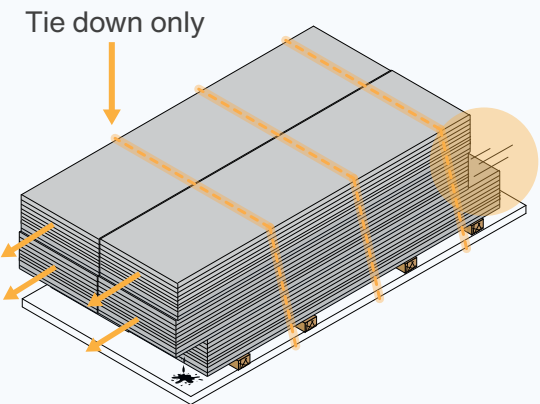
FRICTION CAN BE INCREASED BY:

- ✔ Adding lashings
- ✔ Increasing lashing angle
- ✔ Timber dunnage and rubber load mat
- ✔ Belly wrapping
- ✔ Adding packing between layers

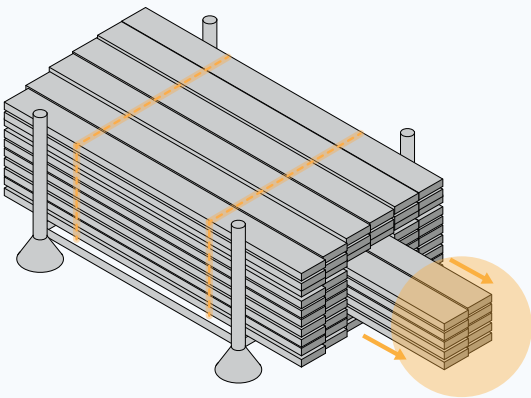
TYPICAL FRICTION LEVELS	
LOAD	FRICTION
Wet or greasy steel on smooth steel	Very low
Smooth steel on smooth steel	Low
Smooth steel on rusty steel	Low - medium
Smooth steel on conveyor belt	Low - medium
Smooth steel on timber	Medium
Rusty steel on rusty steel	Medium - high
Rusty steel on timber	High
Smooth steel on rubber load mat	High

⚠ RISKS

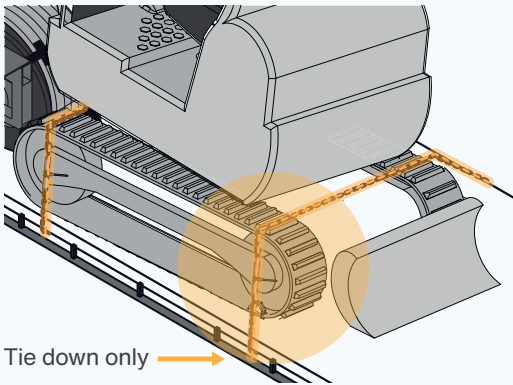
⚠ POOR CLAMPING



⚠ LOW FRICTION - SPEARING LOADS

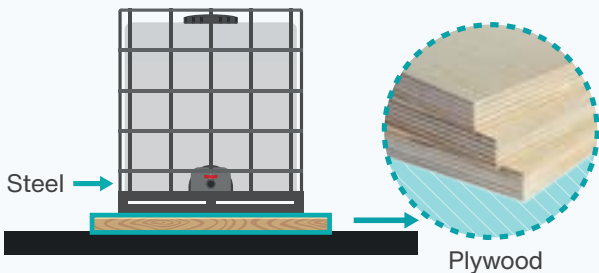


⚠ LOW FRICTION - TRACKED EQUIPMENT

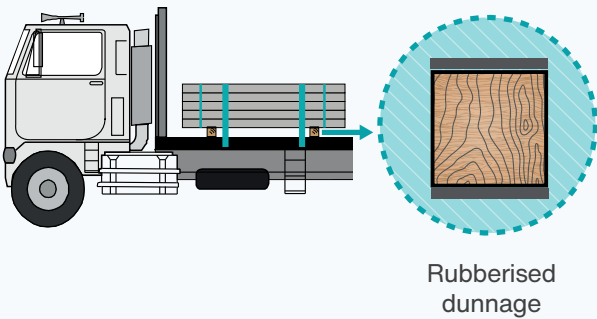


✔ GOOD PRACTICE

✔ INCREASING FRICTION



✔ RUBBERISED DUNNAGE



✔ PACKING BETWEEN LAYERS / ADDED PACKING

