LOAD SECUREMENT BEST PRACTICES





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and damage your shipment. Make sure you take into

account the forces impacting your freight to ensure your cargo arrives safely, securely and in one piece. Here are seven best practices to help you plan and implement safe, cost-effective loading, blocking and bracing for truckload and intermodal shipments.

1

SAFE AND SECURE STRAPPING FOR FLATBED FREIGHT

- Make sure your freight gets to its final destination in one piece
- Maximizes trailer space
- Securing cargo for transit is the law
- Avoid delays and potential fines
- Proper securement = maintained or improved CSA score

2

DISPOSABLE INFLATABLE DUNNAGE (DID) AIR BAGS BETWEEN THE CRATES

- DID bags protect freight from movement
- Use air bags to fill lateral voids more than 4 inches
- Inflate bags to 1–2 psi
- Should have no direct contact with trailer, wood pallet or container floor

3

WOOD BLOCKING AND BRACING

- Use 16d or larger nails
- Nail 1 inch into the floor
- Laminate and apply cleats
- Criss-cross nails from the top
- Add 1 nail every 4 inches
- Never use 2 boards with 1 nail



DOOR BRACING TO SECURE LOADS

- For use on nonhazardous loads only
- To be used for multiunit lading only
- 45,500 lb. max total lading and pallet weight
- Make sure lading is tight across the length and width of trailer and secured at the rear of the load with straps
- Ensure rear load face covers 60% of door area evenly



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Many states limit kingpin to rear axle lengths to 43 feet except CA, IL and MN Adjust to shortest length of the states the load will travel and leave it alone



DISTRIBUTE WEIGHT EVENLY

- Always set tandem pins at most restrictive limit
- Evenly distribute 45,500 lb. over the first 45 feet
- Load heaviest freight toward the front of the trailer
- · Check max weight for each wheel axle



7

CHECK EACH AXLE WEIGHT

• Weight can be distributed over 3 axle groups - steer, drives and trailer tandems

• Adjust sliding 5th wheel and trailer tandems to redistribute weight among axle groups to maximize payload while still complying with axle weight limits

For more information on load securement, contact your Schneider representative to connect with one of our load securement experts.



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