

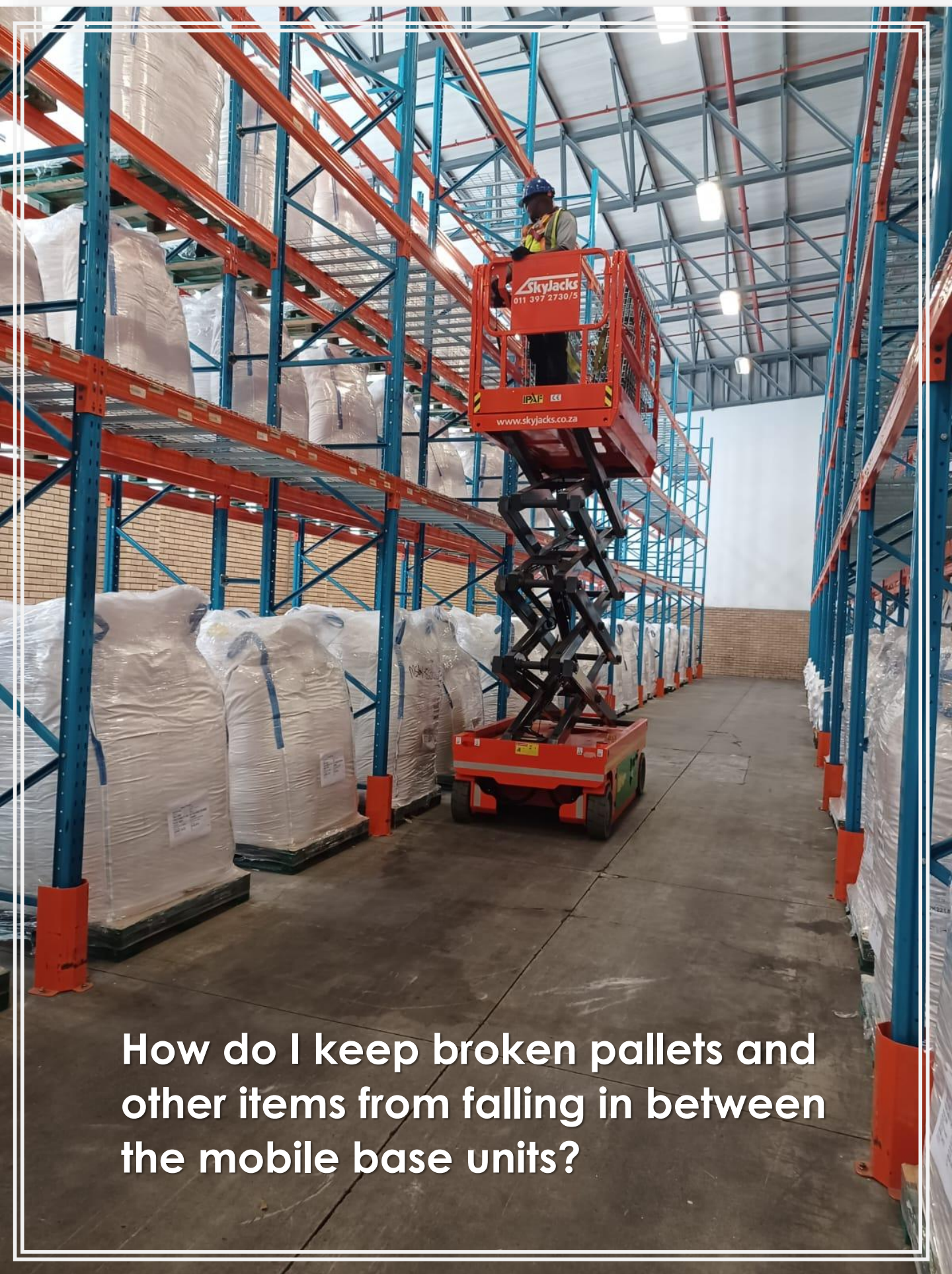
**DRIVEN BY EXCELLENCE,
GUIDED BY RAILS**



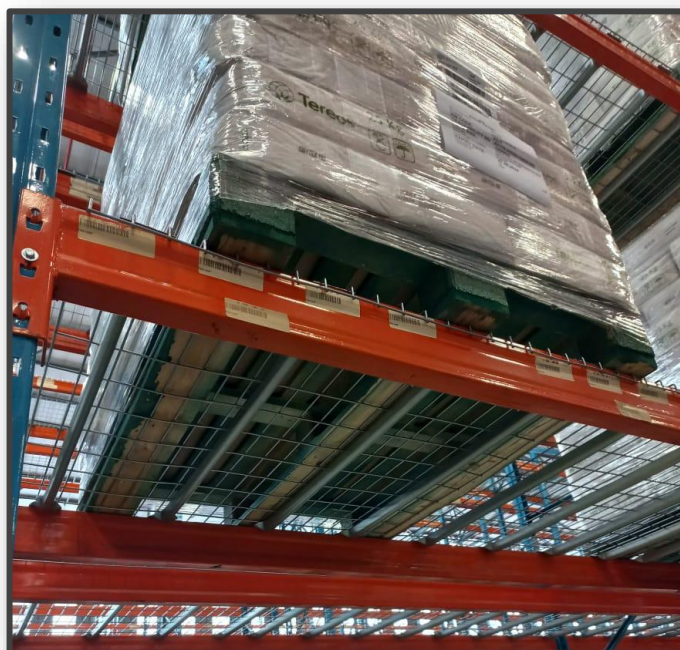
RACKING & SHELVING SOLUTION

HEAVY DUTY MESH DECKS





How do I keep broken pallets and other items from falling in between the mobile base units?



The first issue you need to address is to look at the quality of the pallet being used within the store. Any pallets that look as though they are about to fall apart should be removed from the room and be repaired or replaced.

The other option available is to make use of mesh decks. Mesh decks have 2 important functions, which are described below:



Benefits of Mesh Decks

- Durability (Oldest product in SA in operation for 15 years).
- Superior weight bearing.
- Mesh deck design allows for both UDL and point load applications.
- Hygiene (Electrogalvanized finish).
- Increased water flow in case of fire.
- Better light penetration.
- Increased productivity (12% time saving when picking and packing).
- Increased operator safety.
- Increased product safety



SPECIFICATIONS

- ✓ **Sizes:**
Project Dependent (manufactured to the beam specifications)
- ✓ **Finish:**
Electro-galvanized, Powder Coated or Plain
- ✓ **Material Thickness:**
Project Dependent (designed and manufactured to the beam load specifications)
- ✓ **Load capacity:**
+/_ 100kg to, 1500kg per Mesh Deck
- ✓ **Support:**
Double wire support
- ✓ **Tested by:**
South African Bureau Standards



1. Base protection

A mesh deck can be placed on the mobile to stop any product, broken pallet pieces and other objects falling in between the base structure. This protects the components within the base structure and reduces technical problems.





2. Employee protection

Placing mesh decks on the bottom level of cantilever racking ensures that no loose product will fall on persons walking under the cantilever racking.





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COMPLIANCE STANDARDS

All designs are carried out as per the relevant SANS/SABS codes as well as the SEMA code:

- SEMA; Code of Practice for the design of mobile racking.
- SEMA; Guidelines No. 2: Guide to erection tolerances for static racking
- SANS 10162-2:1993; The structural use of steel: Part 2 Limit state design of cold-rolled steelwork.
- S.A.I.S.C. ; Southern African Steel Construction Handbook: Eighth Edition – 2013 (Red Book)