

# HANDLING GLASS SAFELY

## CONTAINERS

- Order within unloading capabilities.
- Ensure containers are unloaded on **level** ground.
- Unload using mechanical devices rated to lift the required load.
- Use appropriate restraints during unloading to ensure stability of remaining load (photo 1 and 2).
- Do **not** manually unpack crates in containers (photo 3).



## PACKAGING

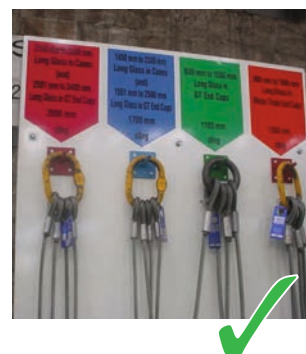
Check

- Lifting points (photo 1).
- Nail and strapping condition (photo 2).
- Packaging material is not damaged (photo 3).
- Load limits (ensure all lifting equipment is rated to lift the load).



## HANDLING

- Use mechanical devices to move glass where possible.
- Use appropriate lifting devices and restraints.
- Lift only from the safe lifting points as indicated on the package.
- Do **not** restrain cases/end caps with 'stretch' straps.
- Do **not** lift above safe work limits of the lifting device.
- Do **not** lift unbalanced loads.
- Do **not** balance end caps on fork arms.



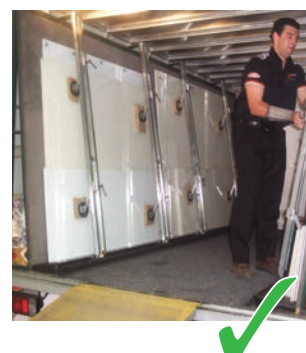
## STORAGE

- Ensure cases/end caps are secured when free standing (photo 1).
- Place glass blocks/cases on A-frames or L-frames.
- A 3-5 degree lean is recommended for storage frames (photo 2).
- Allow sufficient clearance between racks.
- Do **not** restrain cases/end caps with 'stretch' straps.
- Do **not** stack cases/end caps on top of each other (photo 3).
- Do **not** lean cases/end caps against walls.
- Do **not** unpack vertical cases unless on A-frame.



## TRANSPORTATION

- Use load-restraint devices in accordance with load restraint guide published by the RTA.
- A minimum 5 degree angle of lean is recommended for glass in transit, on suitable storage devices (photo 1).
- Unload vehicles on **level** ground.
- Use appropriate load-restraint devices to ensure load is secured during transit (photo 2).
- Do **not** use 'stretch' straps to restrain loads (photo 3).



Always use personal protective equipment (PPE) designed for the task being undertaken