Supply of Pallets Guideline

WPA_03

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This WPA Guideline contains information for the manufacture and supply of pallets to third party contract packagers.

Where bottling customers are supplying their own pallets, this Guideline could be given to the supplier, but we encourage they contact their contract packager to discuss whether this Guideline is sufficient for them or whether they have their own Specification.

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1. Guidance

All queries regarding this information should be discussed with the bottling customer's contract packager.

2. Responsibility

Customers who own their own pallets should ensure that these meet the requirements set out in this document.

Chep and Loscam have a pallet hire system called Pallet Pooling, whereby the pallets remain the legal property of the company. Bottling customers who use Chep or Loscam pallets should provide their account number to their contract packer in order for hire pallets to be transferred when required. Information on Chep and Loscam pallet hire is available at www.chep.com/Why_CHEP/Poolimg and www.loscam.com/en/services/ pallet-pooling

3. Requirements

Most contract packagers use automated palletisers therefore the dimensional tolerances are crucial to maintain efficiencies.

To ensure your contract packager can carry out the correct product stack configuration, we suggest the pallet dimensions or size being supplied should be discussed prior to bottling.

Pallets sized 1165 mm x 1165 mm x 150 mm must conform to the Australian Standard AS 4068-1993.

International sized pallets must conform to ISA 6780:2003 and AS4762:2000

Acceptable standard sizes and tolerances for most automated palletisers are contained in the following table:

Market	Measurement (tolerances)
Australian 2 way entry	1165 (+/-20) x 1165 (+/-20) x 150 (+1/15)
UK 4 way entry	1200 (+/-20) x 1000 (+/-20) x 162 (+3/-10)
USA 4 way entry	1219 (+/-20) x 1017 (+/-20) x141 (+3/-10)
USA 2 way entry	1130 (+/-10) x 1130 (+/-10) x105 (+/-3)
EURO 2 way entry	1130 (+/-10) x 720 (+/-10) x100 (+/-3)

4. Criteria and Specification

Criteria	Specification
Pallet standards	Pallets to be made of hardwood or well-seasoned soft wood that has no critical defects.
	The maximum weight rating must be suitable for the projected load plus a 10% extra safety rating.
	No large longitudinal cracks that could cause the board to break.
	No cracks across the width of the board which could result in a broken board.
	Knots and holes to be less than 50% of the board width.
	No protruding nails greater than 1mm or large protruding splinters.
	All pallets to be supplied the correct way up.
	All boards to be secured to the pallet. No missing, damaged or misshapen boards.
Pesticides and Moulds	No fungus or mould to be present.
	Any fungicide used to treat timber should prevent mould without damage or health risks to people or product or giving off offensive odors.
Timber treatments	No chemicals, powders or oils to be present.
	Must be pest free and free of loose dirt and rubbish.
	Approved heat treatment and fumigation to be used on export pallets as required.

⚠ Pallets being used for export of goods must have a fumigation certificate from the pallet supplier supplied to your contract packager.

5. References

Winemakers Federation of Australia - Wine Packaging guidelines November 2012
www.wfa.org.au

Australian Standard AS 4068-1993 Flat Pallets for Materials Handling