

**FOB Packaging Guidelines** 

### **Table of Contents**

1.0 Introduction	4
1.1 Artwork Development and Sign-off Expectations	4
1.2 Bunnings House Brands and Style Guides	
2.0 Packaging Design and Materials	
2.1 Baseline Packaging Information	
2.2 Sustainable Packaging Design	
2.3 Packaging Specifications	
3.0 Labelling	12
3.1 Product Warning Labels	12
Glass Safety	13
Barbecues	13
Swimming Pools	14
Blinds	14
Tools	15
Tyres	15
Trolleys	16
Ladders	16
Garden Sprayers	17
Batteries	17
Ratchet Tie Downs	18
Bungee Cords	20
Fabric Furniture & Toys	20
3.2 Measurement, Warranty and Multiple Carton Labels	21
3.3 Industry Efficiency Labels	22
3.4 The Australasian Recycling Label	23
3.5 Recycling and Composting Labels	24
4.0 Weight Icons (Heavy and Bulky Items)	25
4.1 Weight icon Placement	26
4.2 Weight icon Layout	26
4.3 Lifting Handles	28
4.4 Sharp Objects Best Practice	28
4.5 Bulky Items Best Practice	29
5.0 Barcodes	30
5.1 Barcode Requirements	30
5.2 Barcode Testing	30
5.3 Barcode Best Practice	31
5.4 Barcode Self-Assessment	31
5.5 Loss Prevention Packaging Best Practice	32

5.0 Store Ready Packaging	33
6.1 Free Standing Displays	34
6.2 Side Stack Merchandise Standards	35
6.3 Carton Strapping	36
6.4 Inner Cartons	36
6.5 External Shipping Packaging	36
6.6 Outer Carton Icons	36
6.7 Bunnings Shipping marks	37
6.8 Full Colour Boxes	38
6.9 Shipping Marks on PDQ Carton	38
7.0 Timber Products	39
7.1 Timber Labelling standards	39
7.2 Timber Boards Packaging	40
8.0 Appendix	
8.1 Soft Plastic Composition	41

Contact Information:		
Department	Information Relating to:	Group Email
Global Sourcing	Product & packaging design	Globalsourcing@bunnings.com.au
Sustainable Packaging	Sustainable packaging	Sustainablepackaging@bunnings.com.au
Compliance	Product safety and compliance	Productsafety@bunnings.com.au
Safety	Safety	HRBSAFETEAM@bunnings.com.au

### 1.0 Introduction

Bunnings believes in maintaining a standard of packaging that:

- · Protects the integrity and quality of the product
- Minimises costs
- · Minimises environmental impacts by utilising renewable materials and less waste
- · Achieve 'one touch' from supplier to store
- Ensure products can be handled safely through packaging integrity, strength and design.

These guidelines have been created to help our suppliers to design and produce packaging that complies with Australian and New Zealand consumer laws and the needs of our business.

This document is reviewed and changed regularly. Suppliers please review this document when it is reissued for changes

### 1.1 Artwork Development and Sign-off Expectations

The table below is a timeline for packaging to be reviewed and approved before it can be despatched.

Days after orders placed	Packaging Status	Packaging Expectations
0-7	Artwork development	Start packaging artwork and complete the Packaging Specification Form.
7 – 14	Send artwork for initial review	Send packaging artwork and Packaging Specification Form to Bunnings.  1. Bunnings will advise if the Australasian Recycling Label (ARL) is required.
14 – 21	Send artwork for approval	The ARL should be added to artwork (if requested) and the finalised packaging artwork sent to Bunnings for approval.
21	Send Completed Order	All packaging must be approved before orders are sent.

### 1.2 Bunnings House Brands and Style Guides

Bunnings have 33 Style Guides that <u>must</u> be followed to complete packaging artwork for products that House Brand.

- ✓ Always take House Brand logos from master illustrator files
- ✓ Always use original artwork files for logos, typography, images, formats, swing tags, regulations, weight icons, assembly instructions and warranty conditions in the style guides.
- ✗ Do NOT alter or redraw logos and artwork for any Bunnings house brands

Bunnings House Brands					
House Brand	Logo	Department	House Brand	Logo	Department
Specrite	SpecRite	Timber & panels	Sunfresh	Sünfresh	Laundry & Clothelines
Bastion Building Materials	BASTION	Building Materials	TopDry	TopDry.	Clotheslines
Syneco	<u>syneco</u>	Hardware	Dura Tile	DURA- TILE.	Wall & Floor Tiles
Ikonic	IKÖNIC FORM AND FUNCTION	Hardware	Laminae	-Laminae	Laminated Flooring
Estilo	EŚTILO	Bathroom	Floor Select	FLOOR	Timber Flooring
Kinetic	kinetic	Plumbing	Aqua Systems	Aqua Systems	Garden Watering
Mondella	Mondella	Bathroom & Plumbing	Saxon	SAXON	Garden Tools - Entry
Practa Solutions	PRACTA SOLUTIONS'	Kitchens	Iron Bark	IRON BARK	Garden Tools - Premium
Jumbuck	jumbuck	BBQ's Entry	Lotus Collection	LOTUS COLLECTION	Garden Landscape
Matador	MATADOR	BBQ's Premium	Luce Bella	LUCÉ Bella.	Indoor Lighting
Sommersault	Some	Kids, Picnic & Beach Furniture	Eiger	electrical	Electrical
Marquee	Marquee.	Outdoor Furniture - Entry	Click	click	Electrical
Mimosa	MIMOSA	Outdoor Furniture - Premium	Moretti	MORETTI	Electrical - Heating & Cooling
Paint Partner	Paint Partner	Paint Accessories	Craftright	CRAFTRIGHT:	Hand Tools - Entry
All Set	ALL SET	Storage	Trojan	TROJAN T	Hand & Garden Tools - Premium
Montgomery	MONTGOMERY	Storage & Shelving	Full Boar	FULL	Power Tools
Morgan	MORGAN	Cleaning			

### 2.0 Packaging Design and Materials

Packaging design is important to protect products as they travel through our supply chain and should not become problematic to the environment after it has served its primary purpose.

Bunnings are members of the Australian Packaging Covenant Organisation (APCO) and are required to provide the following for all products in Bunnings supply chain:

- Baseline packaging data information; and
- Sustainable packaging.

### 2.1 Baseline Packaging Information

Suppliers must provide the material composition and weight of packaging on all new products.

### Packaging includes the following:



### Tertiary packaging for bulk transport

### Examples:

- Pallets, frames and dollies
- Shipping cartons
- Shrink wrap
- × Dunnage
- Strapping



### Secondary Packaging for handling

### Examples:

- Inner cartons
- Cardboard corners
- Packing sheets (i.e timber)
- Dunnage
- Strapping



### Primary packaging for end consumer

### Examples:

- Boxes
- Hang-sell cards
- Plastic bags
- Accessory bags
- Paper

### 2.2 Sustainable Packaging Design

Sustainable packaging is designed for compatibility with the waste management industry in **Australia** and **New Zealand**. This means:

- At least 80% of the population must have access to a recycling facility or service for packaging to be considered recyclable. All on-pack messages about the environment, sustainability, composability and recyclability of a product and its packaging must be substantiated under Australian Consumer Law. Penalties apply for false or misleading statements. For more information visit:
   <a href="https://www.accc.gov.au/publications/green-marketing-and-the-australian-consumer-law">https://www.accc.gov.au/publications/green-marketing-and-the-australian-consumer-law</a>.
- The information below is a guide, and suppliers need to determine the best actions to take to both protect
  products as they travel through the supply chain ensure that packaging can be reused, recycled or
  composted in Australia and New Zealand.
- Suppliers can find more information on APCO's targets and whether they need to become a member at <a href="https://www.packagingcovenant.org.au/">https://www.packagingcovenant.org.au/</a>.
- The Packaging Material Selection Guide (below) provides a list of packaging materials and formats that are accepted by Bunnings.

# PACKAGING MATERIAL SELECTION GUIDE

# Red

Not to be used – Materials are regulated or not widely collected and recycled in Australia & New Zealand

# Materials

Formats

Expanded Polystyrene (EPS) composite 'other' plastics (7) PVC (3), PS (6), nylon foamed plastics Rigid Plastics

Laminated with plastic

Paper or cardboard:

Waxed / greased; or Coated with PP (5)

Lined with foil

# Soft Plastics PET (1), PVC (3), PS (6), expanded polystyrene (EPS)

Dark tinted plastics and glass

nylon, expanded PE and multilayer films Bioplastics

Dark coloured inks, UV cured inks, inks containing VOC's,

coloured with carbon black

Rigid and soft plastics

## fragmentable, biodegradable plastics, PLA, PHA, PBAT Oxy / Oxo degradable,

Hot melt adhesives

metallic inks

Polyester

### Rubber

Chipboard, plywood, MDF Composite Materials

# Materials

Approval required – Only when green materials are not an option. Contact SustainablePackaging@Bunnings.com.au

Amber

# Formats

# Cardboard / paper either coated (less than 3% by weight) on one side only

responsibly sourced material. uncoated, clay coated or PE made from the same green All packaging components category, recycled or

Soft plastic comprising less than 5% of a secondary Components should be polymer (both green separable if not.

40% of the exposed surface on rigid HDPE, PP on rigid PP, OPP or PET on rigid PET, paper on cardboard / area, Polyolefin (PE or PP) Labels covering less than category)

Light coloured, water and plant based inks

Preferred - Materials are widely collected and recycled in Australia & New Zealand

Green

cardboard, grey board, paper wood wool, moulded fibre Materials Corrugated cardboard.

Formats

# Rigid Plastics PET (1), HDPE (2), LDPE (4), PP (5)

according to ISO 14021:2016.

5810:2010 and labelled

components are certified to either AS 4736:2006 or AS packaging only where all

Compostable primary

Cotton, wool **Textiles** 

Soft plastics comprising less

Metals

Steel, Aluminium

polymer (both from the green

category).

than 30% of a secondary

Glass

Paper / cardboard coated

with 5% (or less) PE by

# Soft Plastics

HDPE (2), LDPE (4), PE, PP (5), BOPP

Responsibly sourced textiles.

Stick timber Textiles **Fimber** 

Jute / hessian

### 7

### 1. Reduce packaging

# A. Remove unnecessary packaging

- Make packaging reusable where possible.
- Remove unnecessary layers of packaging that are not essential to the protection of the product or movement through the supply chain.



Remove unnecessary layers of packaging.



Maximise units per carton and omit inner cartons.



Only use plastic strapping on boxes with a gross weight of **16kg and over**.



Use less and smaller labels or print barcode directly on products.



Use plant and water-based inks and less / water-soluble adhesives.



Avoid small packaging parts such as nylon cable ties.

# B. Review the ratio of product to packaging

• Compare the amount of packaging with the size of the product and reduce the type of material, thickness, size, shape or weight.



Reduce amount of packaging.



Use boxes that fit the product well to avoid using fillers and dunnage but also minimise product damage.



Review the shape of product to pack tighter into cartons and pallets.

### C. Reduce plastic

 Reduce use of rigid plastics (such as clamshell packs) and soft plastics such as bags.



Reduce the size of all plastic blisters.



Remove unnecessary soft plastic bags.



Use viewing holes instead of clear plastic.

### 2. Simplify packaging

# A. Allow packaging made from different materials to be separated easily for disposal



Packaging manufactured from different materials should be easy to separate for disposal.



Manufacture separable packaging components (i.e boxes and lids) from the same material.

# B. Use clear, recyclable materials

- Use clear recyclable plastics or glass without colours or tints.
- Avoid dark tinted plastics and glass which are difficult to recycle and have limited applications as secondary materials.

# C. Use water based and plant-based inks

- Use soy, plant, vegetable and water-based inks that are non-toxic.
- Reduce the amount of inks that are used to print on packaging.

### 3. Materials

# A. Use recyclable polymers and identify them on packaging

Avoid single-use plastics.

**Single-use plastic packaging** is any plastic that is designed to be discarded after a single use or is routinely disposed of after its contents have been unpacked or exhausted.

• Soft plastics should be clear and meet the polymer compositions provided in the Appendix to this document (Section 8.1).

### Acceptable:

- Metals
- Timber
- Cotton
- Recyclable polymers:
  - (1) Polyethylene terephthalate (PET)
  - (2) High density polyethylene (HDPE)
  - (4) Low density polyethylene (LDPE)
  - (5) Polypropylene (PP)

### Not acceptable:

- Composite materials
- Non Recyclable polymers:
  - (3) Polyvinyl Chloride (PVC)
  - (6) Polystyrene (PS)
  - (7) Other

Nylon

Black tinted plastic wrap

Single-use plastics

### B. Use monomaterials and light weight where possible

- Avoid using coatings, laminates and layering different materials in packaging (for example polymer coated cardboard).
- Make packaging lightweight for transport.
- Maximise pallet efficiency by utilising the complete pallet area and height.

# C. Use recycled materials

- Suppliers are required to use packaging that incorporates at least 50% recycled content.
- Bunnings encourages suppliers to package products in as much recycled material as possible, without compromising on strength.

# D. Use renewable materials

• Source packaging from renewable materials such as FSC® or PEFC® certified timber, paper, cardboard and recycled plastic.

### 4. Improve on Pack labelling

# A. Identify type of plastic on packaging

• Stamp polymers packaging is manufactured from on pack for easy identification:



Stamp rigid plastics



Print on clear soft plastics

### B. Use the Australasian Recycling label

Apply the Australasian Recycling Label (ARL) to product packaging (see below).
 The label informs consumers of the actions they need to take to direct packaging waste to the most compatible waste stream in Australia and New Zealand.

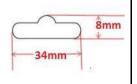
# C. Provide consumer information on sustainability

Inform customers:

- How to prevent litter through the responsible disposal of packaging.
- If packaging can be used to preserve the life of the product or to reduce wastage / spoiling of the product.
- How packaging was sourced or made i.e FSC certified timber, energy neutral processes, using compostable materials using non-toxic inks and dyes. (Note claims must be substantiated and true under Australian Consumer Law).

### 2.3 Packaging Specifications

### **Hook Slots for Hang-sell Products**



The position and size of hook slots on hanging packaging must:

- Be a standard size of 34mm wide by 8mm high.
- Centre of hook should be 15mm from top edge.
- Be centered on the pack; unless the weight is distributed unevenly.
- In the event of uneven distribution of the weight of the product, an off centre or second slot must be positioned to allow the product to hang straight.

### **Blister Packs**



- A sealed blister pack and blister on card are both extensively used in Bunnings stores. However, a sealed blister pack has the advantage when it comes to loss prevention.
- PET is the preferable material to use (recyclable).
- Folded edges, on sliding blister packs, must not cover printed information on the reverse of the backing card.

### **Polybags**



- Should be made from a clear, mono material polymer with a euro hook slot.
- A resealable bag is recommended.
- The top section must have thicker or reinforced plastic to provide strength for the hook hole. This is the area to print the product information as well.
- Polybags are not suitable for hazardous materials.

### 3.0 Labelling

Labels are an important part of a product's packaging.

Labelling helps with the marketing and differentiation of a product. Importantly labelling must provide mandatory industry, safety and factual legal information. It must not give "false, deceptive or misleading information to customers".

These parameters are set out in the Australian Consumer Law section of the Competition and Consumer Act (2010), which is enforced by the Australian Competition and Consumer Commission (ACCC).

The expectation is for all products that we sell to be labelled with, at minimum (but not limited to), the following information:

- Name and description of product, including material and finish
- Measurements if applicable eg. length, volume etc
- Content quantity
- Safe use instructions
- Proper disposal information
- Information on whether packaging is recyclable

- Features and Benefits Minimum of 4 and details to be clear and concise
- Country of Origin
- Batch code or Date code (Month/Year of shipment)
- For large cartons Colour labels on front and sides of carton must cover a maximum area up to 70%
- Scannable Barcode
- Gross Weight of product



### 3.1 Product Warning Labels

Some products require specific labels under Australian and New Zealand consumer laws and regulations. Examples have been provided in this document. Suppliers are encouraged to check that their products meet any relevant industry labelling standards before products are shipped. Contact productsafety@bunnings.com.au for more information.

### Glass Safety

### **Shower Screens**

Glass used in shower screens must:

• Meet Australian and New Zealand standards.

Retail packaging must:

- Protect the glass in transit.
- Include plastic corners.
- Include warning instructions outlining use of personal protection equipment on:
  - Exterior and interior packaging.
  - o A removable electrostatic clear label applied to the actual glass panels.
  - o Assembly instructions.



### **Barbecues**

### Gas type

The gas type relevant to each BBQ must be displayed on the carton packaging of all BBQ's.



### **Gas Warning**

Gas Barbecues must:

- Be certified to Australian and New Zealand standards.
- Display the important message below and gas certification number.



### **Gas Leak Testing**

Assembly manuals must include:

 Instructions detailing how to check for gas leaks once the barbecue assembly has been completed and the gas bottle connected.

Line drawings should be included in the manual to clearly explain how to perform a gas leak test.

### **Swimming Swimming Pools Pools** All warnings on packaging must be arranged according to the ACCC Mandatory Safety Standards. A quality control checklist is available on request from productsafety@bunnings.com.au. Internal Blinds with cords **Blinds** Internal blinds must include warning labels according to the ACCC Mandatory Safety Standards (examples below) on: **Packaging** Hanging cords Installation instructions A quality control checklist is available on request from <u>productsafety@bunnings.com.au.</u> CURTAIN AND BLIND CORDS HAVE CAUSED THE DEATH OF YOUNG CHILDREN WARNING AND MUST BE INSTALLED SO THAT THEY ARE NOT A STRANGULATION HAZARD. 30 mm FOLLOW THE INSTALLATION INSTRUCTIONS. 210 mm PANTONE 186 C WARNING 5mm Height CURTAIN AND 5 mm Height 60 nun • . WARNING ♠ WARNING Young children have died by To sword creating a possible strangulation bazard for wrapping lates curtain and blind cords or theirs around their needs. Secure cords or chains with children, the corded internal window dovering must be 105 mm installed in auch a way that a cordiguises or keep them but of reach by winding them around a clear. Move corts and furniture loose and carnot form a loop 220mm or longer at a height away from window covering of less than 1800mm above. floor level Do not remove this labor See other side PANTONE 166 C

Warning

Youg children... 3.8mm Height

9mm Height

### Tools

### **Kids Garden Tools**

All Kids garden tools packaging must include:

- That it is suitable for Ages 3+ only.
- The age warning symbol below.

A warning If small parts are included which pose a choking hazard.



### WARNING

CHOKING HAZARD – Small parts. Not for children under 3 years.

CAUTION! Functional sharp points and edges. Use with care.

To be used under the direct supervision of an adult.

### **Hand Tools and Power Accessories**

Hand tool or Power tool accessory which could be hazardous / cause injury during use must include a Caution or Warning for customers to use personal protection equipment such as goggles, ear muffs, clothing and gloves.



### **Tyres**

### Inflatable Tyres

Must include a warning label on the wheel rim showing the maximum inflation pressure.

### WARNING:

PLEASE USE A MANUAL FOOT OR HAND PUMP TO INFLATE TYRE. OVER INFLATION MAY RESULT IN SERIOUS INJURY, ALWAYS INFLATE TYRE WITH WHEEL FITTED TO TROLLEY.

MAX INFLATION: 30 PSI-206Kpa

### **Trolleys**

### Hand trolleys and Platform Trolleys

Must include a permanent, clearly visible sticker on the product showing the maximum weight capacity in kilograms (kgs).

### MAX. WEIGHT CAPACITY 80KGS

Size: 8 x 2.5cm

### **⚠ WARNING**

Maximum Weight Loading - 80Kg

- Always secure heavy load with safety strapping 2. Set down heavy loads with care 3. Not suitable for use on multiple stairs 4. Do not exceed Max. weight load

### Ladders

### Ladders

If ladders meet the standard AS/NZ 1892.1 and the standard is printed on the actual ladder:

- A test report must be sent to <u>productsafety@bunnings.com.au</u>.
- Warning labels must be permanently fixed to the ladder, as outlined in the Australian and New Zealand Standard and shown below (1-7).



### Garden Sprayers

### **Garden Spray Bottles**

Warnings are required on all pressure garden sprayer bottles regarding the use of:

- Solvents and flammable liquids are required on the bottle.
- Personal Protection Equipment such as goggles, filter masks, gloves and protective clothing.





### **Batteries**

### **Button Cell Batteries**

All products which include or require cell type batteries must include warnings on:

- The packaging.
- Back of any remote controls.
- Instruction manual.

Warnings must include the graphic (shown here) AND a warning beside the graphic. Suggested examples of warnings are:



- WARNING KEEP BATTERIES OUT OF REACH OF CHILDREN
- Swallowing may lead to serious injury in as little as 2 hours or death, due to chemical burns and potential perforation of the oesophagus.
- If you suspect your child has swallowed or inserted a button battery immediately call the 24-hour Poisons Information Centre on 13 11 26 for fast, expert advice.

- Examine devices and make sure the battery compartment is correctly secured, e.g. that the screw or other mechanical fastener is tightened. Do not use if compartment is not secure.
- Dispose of used button batteries immediately and safely. Flat batteries can still be dangerous.
- Tell others about the risk associated with button batteries and how to keep their children safe.

NOTE: The 24-hour Poisons Information Centre is the correct first response in Australia/NZ. Verify suitable emergency call numbers for relevant countries you may want to include in your markings.

Warnings should be placed adjacent to the instruction for replacing batteries. Graphical symbols may be added to either add emphasis or replace text.

### Ratchet Tie Downs

### **Ratchet Tie Downs**

All Ratchet tie downs must meet AS/NZS 4380:2001.

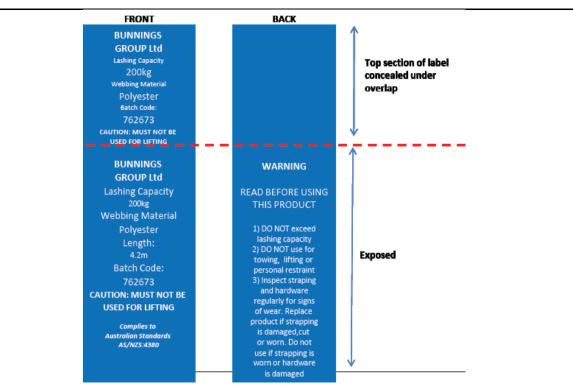
### **Ratchet Tie Down Strap Sew in Tags**

The standard is for all tags to include permanent tags sewed in to each Ratchet tie down strap with the following information:

- Importer's Company name.
- · Lashing Capacity.
- Webbing strap material (eg. Polyester).
- Batch code (eg.Order number).
- Must not be used for lifting.
- Complies to AS/NZS:4380.
- Warnings.

Sew in tags must be printed on the following colours depending on the material type:

- Blue Polyester Webbing.
- Green Polyamide webbing.
- **Brown** Polypropylene webbing.



The brand name and lashing capacity must be permanently stamped into the buckle of the ratchet tie (see image below).



### Bungee Cords

### **Bungee Cords**

Consumer product safety standards require a permanent warning label to be attached to each bungee cord and wrapped around each cord (as in the image below).

The labels must have the following warning (exact words):

**WARNING**. Rebounding hooks cause blindness. Place hooks with care. Keep face and body out of rebound path. DO NOT overstretch. DO NOT use when strap has visible signs of wear or damage.

The label must:

- Be durable, Non-tearing, Non-fading, UV resistant, water resistant.
- Be printed on a yellow background colour.
- Bare the word 'WARNING' in uppercase black letters not less than four millimetres in height.
- Bare the words 'DO NOT' in uppercase black letters not less than two millimetres in height.
- Bare all other words in lower case black letters of not less than 2 millimetres in height.

### WARNING

Rebounding hooks cause blindness. Place hooks with care. Keep face and body out of rebound path. DO NOT overstretch. DO NOT use when strep has visible signs of wear or damage.

Rebounding hooks cause bindhess, Place hooks with care, Keep face and body out of rebound parh. DO NOT overstretch. DO NOT weewhen strap has visible signs of wear or demage.

DNINAAW



### Fabric Furniture & Toys

### **Care Instructions**

All furniture fabrics, clothing and toys must include a sew in tag on the fabric outlining the care and washing instructions. The sew in tag must also include the fabric composition as per example shown.

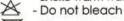
Care labelling is a mandatory requirement and must meet standards AS/NZS 1957:1998 Textiles Care Labelling

Below is a link to care labelling for textile products - supplier guide ACCC for reference.

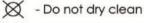
https://www.accc.gov.au/publications/care-labellingfor-clothing-and-textile-products-supplier-guide



 Wipe clean with damp cloth only using detergent
 luke warm water



- Do not tumble dry



Do not iron
 100% Polyester
 MADE IN VIETNAM

### Dangerous Good and/or Hazardous Substance Chemical Products



Collectively termed 'Hazardous Chemicals', these products are chemicals that can cause health issues, physical harm and / or environmental damage.

The international Globally Harmonized System of Classification and Labelling of Chemicals (GHS), the Australian Dangerous Goods Code for Transport (ADG) and the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP), set out the labelling rules for identifying such hazards through labelling and pictograms, packaging design and safety data sheets.

### **Poisons**



Chemicals identified as poisons under the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) are subject to both labelling and packaging design requirements. Many Schedule 5 poisons are common domestic use products. Whilst they usually constitute a low hazard, they require relevant first aid and safety directions on the label.

They may be identified by CAUTION and KEEP OUT OF REACH OF CHILDREN

Schedule 6 poisons are of a moderate to high hazard and may cause severe injury or death if misused.

They are identified by the word POISON at the top of the label.

Both Schedule 5 and 6 poisons require packaging that is sufficiently robust to delay access to a child; with Schedule 6 poisons having the additional requirement of Child Resistant Closures.

### 3.2 Measurement, Warranty and Multiple Carton Labels

### **Warranty Labels on Packaging**





5 YEAR WARRANTY

Packaging that displays a warranty period or warranty logo as per examples below (eg.12 months warranty) must include Warranty conditions on a card inside the box or printed as part of the assembly instructions.

- A guide to warranty conditions according to Australian legal requirements is detailed in each of our House brand style guides for reference.
- Warranty conditions may be printed in the instruction manuals if assembly instructions are provided.

If no warranty period is displayed on packaging, then warranty conditions are not required to be printed as the 12-month statutory warranty will automatically apply.

### **Units of Measure**

### Metric

All units of measure printed on packaging must be in metric unless instructed otherwise:

- Millimetres or centimetres (No imperial measurements).
- Net Weight & Gross Weight must be in Kilograms.

### **Multiple Cartons**



Large items packed in two or more separate cartons will need to be labelled and numbered so that customers are aware that multiple boxes are required to complete the product.

• Labels must be printed on all four sides of each carton.

### 3.3 Industry Efficiency Labels

There is legislation for certain products to be registered with a government agency in Australia and New Zealand and be supplied in packaging that is labelled to a consistent standard. It is a supplier's responsibility to ensure that all products supplied to Bunnings are correctly registered and labelled.

### Water Efficiency Labelling and Standards (WELS)



The WELS scheme has been set up to increase water efficiency and save water in products such as toilets, showers and basin taps. The products need to be registered and labelled with their water efficiency for customers to make their own water saving choices.

### **Greenhouse Energy Minimum Standards (GEMS)**



GEMS was introduced to set up a minimum energy performance standard for equipment including air conditioners, lighting and clothes

dryers. All products need to be registered and certain type of products including dishwashers, refrigerators and clothes dryers have to have an energy rating label.

### **Electrical Equipment Safety System (EESS)**

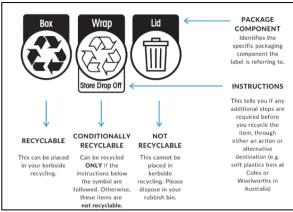


The EESS process was introduced to ensure all electrical equipment under its scope meets important safety criteria so as to eliminate any potential safety hazards. The scheme requires electrical equipment to be classified into three levels of risk with different compliance requirements according to the risk level. All electrical equipment must have the Regulatory Compliance Mark (RCM) label.

### 3.4 The Australasian Recycling Label

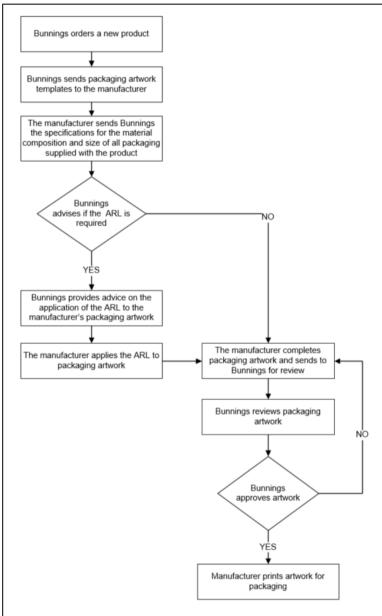
Bunnings has implemented the Australasian Recycling Label (ARL).

The label provides consumers with on-pack information to help them separate packaging that is manufactured from different materials before disposal. The label helps manufacturers design packaging that is more compatible with the way waste is collected and processed in Australia and New Zealand and informs consumers of the action they need to take to keep valuable, recyclable resources in circulation.



Bunnings aims to apply the ARL to all new packaged products and will need specific information about the packaging to do this. The requirements for the ARL are:

- Suppliers provide Bunnings with the material composition, weight and dimensions of all primary packaging components, including:
  - o Boxes
  - Soft plastic windows on boxes
  - Soft plastic accessory bags
  - Soft plastic outer bags
  - Clamshell blister packs
  - Cardboard trays
  - Labels
  - Trays
  - Lids
  - Cable ties
  - Backing cards
- Bunnings will advise suppliers if a product will or will not be labelled with the ARL.
- Manufacturers will be sent the exact specifications to print the ARL on artwork based on the packaging information that was provided.
- Bunnings will need to review and approve all artwork (including the ARL) before printing (See process flow chart).
- Find more information at <u>arl.org.au</u>



### **Important**

Changes to the material composition, components and dimensions of packaging will affect the ARL. Email changes to <u>Sustainablepackaging@bunnings.com.au</u> to ensure the correct message appears on the new packaging.

### The Australasian Recycling **Label Style** Guide



The ARL website URL must always be present when using the ARL artwork. It must be placed above or to the right of the ARL (shown). Only the Member's URL is an acceptable alternative if referring to recycling information. Options:

- a. For more information on recycling visit arl.org.au
- b. arl.org.au or arl.org.nz
- c. www.membersURL.com.au/recyclinginformation







### 1. Separable components:

Each separable component must have its own symbol (shown). Recyclable items display an opaque black Mobius loop, positioned to the left. Non-recyclables use a bin logo, positioned to the right. Conditionally recyclable items use an outline of the Mobius loop, with an additional consumer instruction tab positioned below the classification symbol. The Separable component name is to be selected from the approved list, as per *User Guide Appendix* 5.





### 4. Colour, text & font:

- The ARL should not be placed on a busy background.
- Any two colours may be used for the ARL as long as they are clear, legible and compatible with the packaging background (shown).
- Only approved instructions can be applied to conditionally recyclable items. Instruction tab may deepen to three lines maximum to accommodate text. See User Guide p.19 – 20 for approved instructions list.
- Font: ITC Avant Garde Gothic, Demi Condensed





### 2. Size:

- Standard ARL minimum size is 12mm, not including instructional tab. The ARL should be increased in size for large packaging items with sufficient real estate.
- The Micro ARL can be used only when the external surface of packaging area is <100cm2 The component name can be no more than 4 letters.
- Minimum instruction text size is 1.4mm (lowercase)
- If limited space is an issue, please contact APCO to





### 5. Positioning and other logos:

- The ARL should always be positioned in an easily accessible position, more than likely placed close to the barcode. The logos should be arranged horizontally where possible.
- If real estate is limited, only Not Recyclable Items can be labelled together.
- The ARL should not be used next to symbols that confuse consumers e.g. Tidy man or plastic identification code (1-7).
- Use only approved alternative recycling messages e.g.







### 3.5 Recycling and Composting Labels

### **Mobius Loop**



The mobius loop is an internationally recognised, public domain logo that is used on packaging to indicate that the material is recyclable.

- Use of the mobius loop is unregulated so it should only be used on cardboard cartons, shelf ready trays and shipping cartons.
- The symbol must be printed on all cardboard box packaging for recycling.

### **Composting Labels**



### Industrial Composting Logo

The Australasian Bioplastics Association (ABA)'s Seedling Composting logo verifies that packaging is compostable according to AS 4736 (2006) Biodegradable plastics: Biodegradable plastics suitable for composting and other microbial treatment.

NOTE: Compostable packaging materials are not accepted by Bunnings without prior consultation.



### Home Composting Logo

The ABA's Home Composting logo verifies that packaging is compostable according to AS 5810 (2010) *Biodegradable plastics: Biodegradable plastics suitable for home composting.* 

NOTE: Compostable packaging materials are not accepted by Bunnings without prior consultation.

### 4.0 Weight Icons (Heavy and Bulky Items)

All items that are 10kgs and over must labelled with weight icons to protect the safety of Bunnings team members and customers.

Bunnings weight Icons Definitions and Specifications:				
10 to 16kg CAUTION	16.1 to 40kg CAUTION	40.1 - 60kg WARNING	60.1kg+ or OVERSIZE WARNING	
10 – 16 kg	16.1 – 40 kg	40.1 – 60 kg	60.1 kg+ or Oversized	
Can be lifted by an individual.	May be lifted by an individual but a two person lift is safer.	A minimum of two people are required to lift the product.	Very heavy product requiring mechanical aids to lift.	
Mandatory Colours:				
Pantone Green 347	Pantone Yellow 116	Pantone Orange 165	Process black	
Apply to:				
Single boxed, bagged, multi-packed products with bulky packaging weighing between 10-16kg.	Single boxed, bagged and multi-packed products weighing between 16.1-40kg.	All products weighing between 40.1 kg- 60kg.	All products weighing more than 60.1 kg or with dimensions greater than 1.5 cubic metres.	

### Weight icons must:

- Be clearly visible on packaging
- Be incorporated into the packaging design and printed on the artwork
- Be printed in the pantone colours specified under each icon in the table above OR in single two
  colour packaging design the icon may be printed in only one colour on the outer packaging
  aligned to the weight table above.

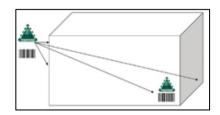
### Size of icons:

The size of the icons depends on the size of the packaging and must be applied as outlined below:

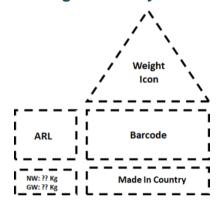
Packaging Type	Label Size (mm)
Boxed or bagged packaging with ALL sides being less than 300mm depth.	50 x 45
Boxed or bagged packaging where at least one side is <b>greater</b> than 300mm depth.	80 x 70
Cartons where any side is <b>greater</b> than 500mm.	110 x 95

### 4.1 Weight icon Placement

On boxed carton products, the weight marking icon and barcode should be on **four selling faces** of the packaging and located to the **lower right-hand side corner** with the barcode under the weight icon.



### 4.2 Weight icon Layout



The layout of the weight icon should be as shown:

- Weight icon in colour relevant to the weight of the product.
- The Australasian Recycling Label (ARL) if applicable (to be advised).
- Barcode below weight icon
- Net weight and gross weight of the actual product.
- Country of Origin printed below the barcode.

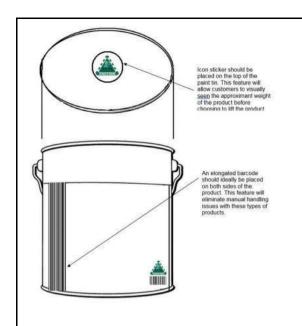
### **Heavy Bagged Products**



To ensure that the weight icon is easily viewable:

- Place icons on both selling faces of the packaging in the corners.
- Barcodes should be on all corners of the packaging next to or under the weight icon marking.
- Ideally an elongated barcode which wraps the product length ways should be used so it doesn't have to be lifted at point of sale.

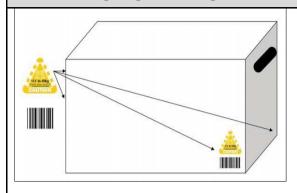
### Heavy Products in Circular / Cylindrical Packaging



- An icon sticker should be placed on the top of the circular product to allow customers to see the approximate weight of the product before choosing to lift.
- An elongated barcode should ideally be placed on both sides of the product to eliminate the need for manual handling.
- Any queries on weight icons please contact the Merchandise Compliance Co-ordinator merchandisecompliance@bunnings.com.au.

### 4.3 Lifting Handles

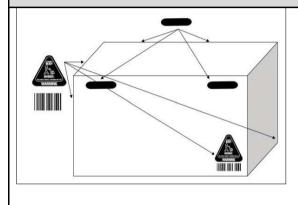
### **Cartons Weighing Over 16kg**



Heavier products require stronger packaging to be moved safely.

- Heavier boxed cartons with a weight greater than 16kg require built in handles.
- Cartons with products that are 16.1 40kg, must have handles with a minimum width of 105mm x 30mm to fit an adult sized hand. A plastic insert could be added to add strength.

### Over Sized Cartons and Cartons Greater than 40kg



Two handles are required on cartons that are:

- Greater than 40kg
- Oversized bulky products
- The packaging should be made from materials which enable a steady non-slip grip.
- There should be a minimum of 150mm separation between the sets of handles to allow adequate shoulder room and a balanced and stable load when lifted.
- A plastic insert for the handle could also be added as shown below.

### 4.4 Sharp Objects Best Practice

Products must be packaged to safely be handled and stored by team members and customers.



Place a cover over blades to prevent contact with sharp edges.



Cover the blade on secateurs but allow the handles to be gripped for customers to feel the product.

### 4.5 Bulky Items Best Practice

Bunnings recommends that suppliers build-in improvements into their products to assist in their safe handling. Examples are:



Product boxes with plastic handle to add strength.



Rope handles assist in moving safely.



Tiles on their own pallet with each row strapped individually for stability.



Tiles held together by timber container and strapped together.





Products with a pallet incorporated in the packaging.



Product carton with strapping and durable framing. With a plastic handle.

### 5.0 Barcodes

- Barcodes must scan correctly first time at the registers for quick and efficient transactions.
- Bunnings uses an international recognised barcode standard approved by an appropriate barcode issuer so the unique barcode numbers on products remain and cannot be transferred to another company.



### 5.1 Barcode Requirements

### Barcode must meet the following requirements:

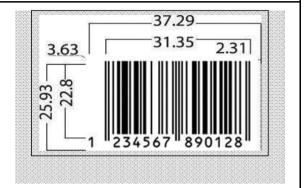
- EAN-13 barcode (13 digit) type
- Black bars on a solid white matte background.
- Nominal size of 100% with a width of 31.35mm.

However, Bunnings approves of EAN-13 barcodes that are not the nominal height due to products being thinner than a standard barcode (eg bolts).

- Barcodes can be printed from 80-200% nominal size.
   Size gauges are available from your barcode provider to help assess the proportionality of a barcode for your product.
- There should be 'quiet zones' on either side of the barcode.

A quiet zone is a solid, light area which enables the scanner to recognise the beginning and the end of a barcode.

A standard EAN-13 barcode at the nominal size of 100%, should have 3.63mm of space to the left and 2.31mm to the right.



Allowing more space than the minimum specification, will provide a greater chance that the barcode will scan properly every time.

### 5.2 Barcode Testing

Bunnings requires product barcodes to be tested for scanning. To arrange barcode testing in Australia contact GS1 Australia on 1300 227 263 or via website <a href="https://www.gs1au.org">www.gs1au.org</a> or if overseas contact GS1 in your capital city. The quality of the barcode should be ISO grade 1.5 or greater to ensure its scanned first time, every time and the minimum scan rate must be 80% or above.

The ISO verification system assesses the quality of the symbol (barcode) compared to a "perfect symbol". The grade number provides an indication, based on print quality, of the like performance of the barcode. The lower the ISO grade, the higher the possibility of scanning difficulties. The barcode quality must be maintained so products are scanned first time. If there any other queries your relevant Buyer can provide quidance.

### 5.3 Barcode Best Practice

To ensure barcodes are secure on our product packaging we prefer barcodes are arranged as shown below:

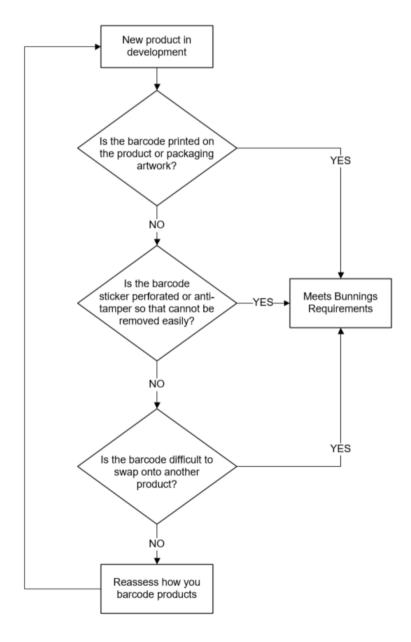
- ✓ Print barcodes directly onto the packaging or product.
- ✓ Apply non-removable security barcodes stickers that are perforated and fall apart if customers attempt to remove them.
- Do not use barcodes that can be peeled off and applied to other products.



### 5.4 Barcode Self-Assessment

Bunnings prefer barcodes that are applied to the pre-printed artwork of the retail product. This provides a better-quality barcode and is virtually tamper proof.

If printed barcodes aren't possible then tamper proof barcode adhesive stickers or security barcode labels are the next best option. These give a clear indication of when the barcode has been tampered with, which makes it easier for the register team member to become alerted to tampering and to investigate further.



### 5.5 Loss Prevention Packaging Best Practice



Box closed with sustainable security tape is noticeable when a box has been opened.



The barcode is inside the product and Bunnings team members need to open the item at Point of Sale (POS) to scan the barcode and check for hidden items.



Blister packs made to size with recyclable materials allow the product to be visible to the customer but prevent it from being removed or damaged in store.



Tamperproof box design and seals make it evident when packaging has been compromised and parts removed.



Packaging with a cut-out window. The product inside the box is visible which prevents box swapping.

### 5.0 Store Ready Packaging

Store ready packaging is a fundamental component in gaining greater replenishment efficiencies, better product availability for customers and reducing costs. It's also one of Bunnings' main aims - one touch from supplier to store. Store ready packaging:

- Is usually a shipping carton with perforations, to allow easy removal of the top of the carton, then the bottom of the carton can be merchandised directly onto the shelf with the product.
- Should be fit for purpose, have a board grade that is robust to safely hold the product within and to withstand any damage as it travels through the supply chain.









Different examples of perforated packaged products which quickly become shelf ready

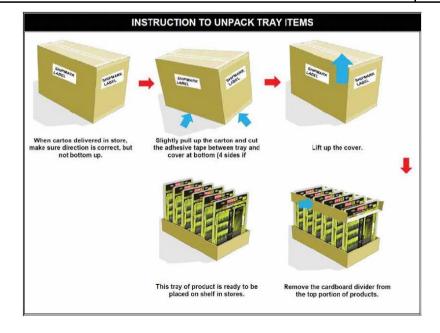
### Guidelines for Shelf ready packaging:

- Perforations should allow the top of the carton to be easily and cleanly removed using pre-cut finger holes. The perforations shouldn't cut through barcodes or other information.
- Shouldn't require tools to open carton.
- Tape, glue or strapping shouldn't interfere with the opening of the carton.
- Products displayed must be clearly visible and accessible to customers.
- The labels on the carton should be printed with the product description so it's easily identified. Easy access to the product shouldn't be sacrificed for a larger label.





Perforated box easily and compacts for recycling



### 6.1 Free Standing Displays

Free standing displays are another form of store ready packaging. They offer the opportunity of a side stack or display with the minimum of handling and provide an excellent merchandising tool to entice customers.

The Bunnings expected standard for any free-standing display is:

- It should ideally be 450mm by 450mm in box size.
- It must be robust enough to enable efficient movement through the supply chain.
- It must come pre- loaded with stock and require very little handling or merchandising in store.
- Like shelf store ready packaging, the use of tools should be avoided.
- It should be designed in a way that a single team member can handle the display in the store.
- Any packaging should be of recyclable materials and requires little effort for disposal.

### **Examples of Free-Standing Displays**











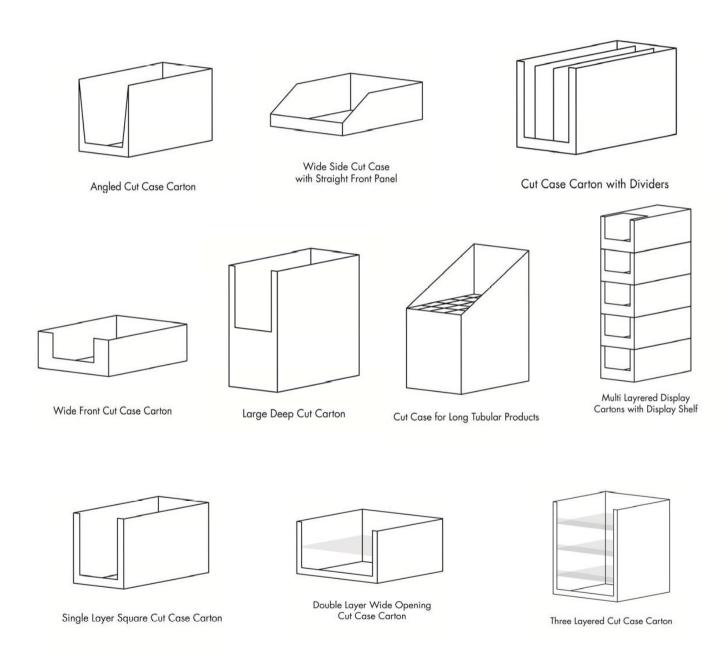


### 6.2 Side Stack Merchandise Standards

- Cut case or ready to sell shipper
- Maximum carton size should be 450x450mm
- · No stock bins, POS sleeves or header cards
- · Perforated cut case or dotted cut out line/ Cut case carton with lid
- The height must not exceed 1.2m

### **Examples of Side Stack Cartons**

Below are examples of various styles of display cartons to arrange for store ready side stacks.



### 6.3 Carton Strapping

We prefer no strapping is applied unless necessary. Strapping;

- Only required on Primary cartons with a Gross weight of 16kg and over as per below.
- Must be a recyclable plastic.
- Staples, nails, metal strapping and metal clasps are not acceptable.

Carton strapping guide	< 16kg	16kg - 40kg	> 40kg
Primary carton ie. Qty = 1 :	No straps	2 straps	4 straps (2 each side)
Secondary carton ie. Qty > 1 :		No straps	

### 6.4 Inner Cartons

Shipper cartons often contain inner cartons. Inner cartons are to have:

- Clear markings for easy identification (Item number and Qty per carton).
- Minimise the number of inner cartons.
- Remove strapping from inner cartons.

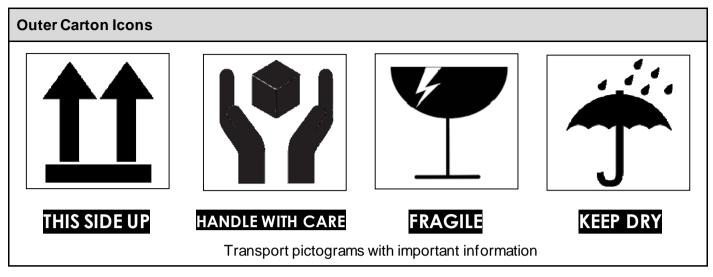
### 6.5 External Shipping Packaging

While the weight icon program sets up the parameters on safety for heavy and bulky products, there have been many initiatives in the field to help assist in the movement of heavy and bulky items and to reduce any potential injuries. We recommend all our suppliers build in such, or similar improvements, into their products to assist in their safe handling.

### Packaging must be:

- Plain Robust cartons.
- Good quality to safely carry products.
- Cartons must maintain structure, so they are not unsafe to handle.
- Boxes must be bound & taped and able to be opened with a box cutter.
- Cartons should be packed tight to avoid product movement.
- Cartons should be flat surfaced on top and bottom, so they are stackable.
- Mixed items in carton must be clearly identifiable based on printed shipping marks.
- Relevant shipping marks should also be shown on the carton.
- The carton or pallet must contain the necessary delivery paperwork, including invoice and SDS documentation if necessary.
- Cartons should have flat surfaces on top and bottom to allow them to be stacked on top of each other.

### 6.6 Outer Carton Icons



Other information that's required on at least 4 sides of the outer carton:

- Brand Name
- Product code
- Product description
- Inner pack quantity
- Unit size
- Gross weight
- Batch number if appropriate
- Dangerous goods information or other legislative requirement
- Standard barcode the SSCC identifier barcode

### 6.7 Bunnings Shipping marks

All outer cartons which contain multiple products require our shipping marks to be displayed as below. Shipping marks should cover a maximum area of 15x15cm and be printed on one side of the carton only.

*** (3 Asterisks)	Shipping Marks Example
Dest(First letter of destination eg. "M" for	
Melbourne Order No(Bunnings	Dest-B
Order number)	Order No-251303
Item(Bunnings Item number or fineline)	Item-3191872
Dept(Department Name eg. Storage & Organisation) Carton Qty(Number of units per carton eg. 10) GWKg (Gross Weight of carton)	Dept-Leisure
	Carton Qty- 6 pcs
	GW- 22.2 kgs
Month/Year of shipment (eg. 08/16 – Print Month/Year only)	8/16

### Mixed Shipper Cartons

For MIXED shipper cartons, which contain multiple item numbers of different products (eg. Garden Statues, Plant pots) the shipping marks should be printed as below to clearly indicate the qty of each separate item number:

### **Shipping Marks Example**

\_\_(First letter of destination eq. "M" for Melbourne Order No.\_\_\_\_\_(Bunnings Dest - B Order number) Order no. 251303 Item -- Qty- (Bunnings Item number or fineline Item no. 2890145 -Qty 5 & Qty) Item -\_\_\_- Qty-\_\_ Item no.2890211 -Qty 5 Item - \_\_\_\_\_ - Qty-\_\_\_ Dept - \_\_\_\_ (Department Name eg. Storage & Item no. 2890219 - Qty 5 Item no. 2890205 - Qty 5 Dept - Garden Decor Organisation) GW - Kg (Gross Weight of carton) GW- 25kg Month/Year of shipment (eg. 08/16 – Print Month/Year only) 8/17

The country of origin (eg. Made in China) is NOT required to be printed as part of our shipping marks. It is not mandatory to include the country of origin with shipping marks. The country of origin is only mandatory on the product packaging.

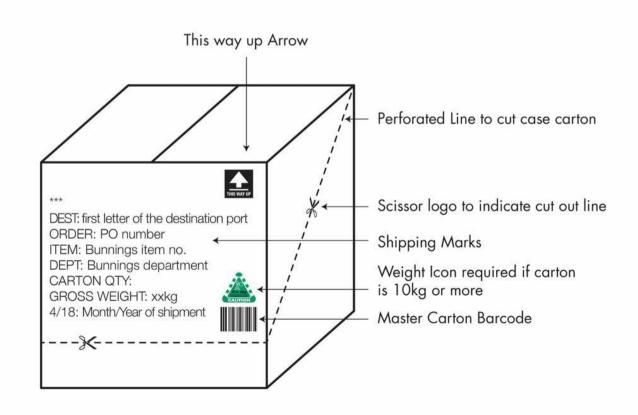
### 6.8 Full Colour Boxes

Individual products packed in large full colour boxes (eg. BBQ's & Outdoor Furniture) do not require shipping marks to be printed on the carton. Shipping marks are only required on outer cartons which contain multiple products in a carton.

### 6.9 Shipping Marks on PDQ Carton

Shipping marks printed on PDQ or display cartons must be printed on the tear off section of the carton so they are easily removed when the carton is displayed as side stacks in our store aisles.

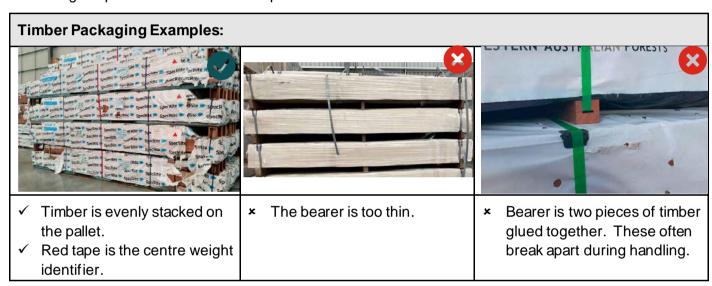
All PDQ cartons to be side stacked in our store aisles must be a maximum size of 450 x 450mm. This is to ensure side stack cartons do not obstruct into aisle space allowing space for customers and shopping trolleys. Cartons designed to be stacked on pallets must be a maximum size of 380 x 380mm to enable even stacking.



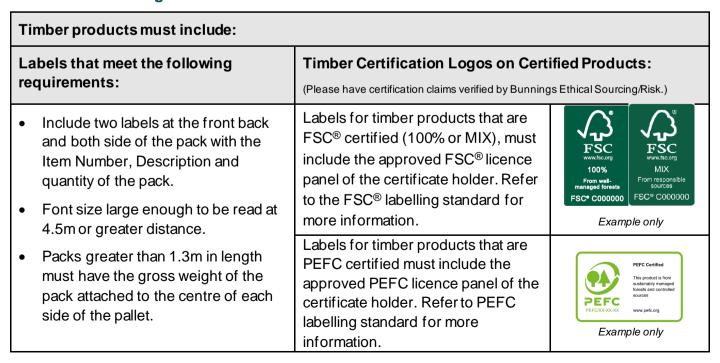
### 7.0 Timber Products

Bulky and heavy timber products offer challenges during shipping and handling. To ensure the safety of the team in our stores as well as protect the product from damage, the following guidelines are recommended. Timber pack standards:

- Maximum weight per pack: 2.0 metric tons. Packs cannot exceed 500kgs per 1.3m length.
- Maximum height per pack: 600mm (inclusive of packaging).
- Maximum width per pack: timber packs should not exceed 1100mm in width, sheet products should not exceed 1220mm.
- Ensure that the product weight is evenly distributed across the pallet, regardless of pack length.
- At least three plastic straps are required to secure the timber to the pallet.
- A centre weight identifier (by weight, rather than length) is required on all packs greater than 3m in length.
- Bearers must be one piece of timber rather than multiple pieces joined together.
- Bearers should be secured to the pallet with glue and nails and should be at least 65mm high and wide enough to provide a stable base for palletised stock.



### 7.1 Timber Labelling standards



### 7.2 Timber Boards Packaging

### **Pallet Specifications:**

### Timber pallet size accepted by Bunnings

# min 125mm min 125mm min 280mm min 280mm min 740mm

× No exposed nails or staple points





Timber pallet – Accepted

✗ Plastic Pallet − NOT accepted

### Wrap and Packing sheets:



- The second 2.25

  The se
- ✓ Clear recyclable plastic shrink wrap.
- ✓ Cardboard top and corner pillar protection.
- ✓ Plastic Strapping.

- × Black tinted plastic.
- × Single-use plastics.
- ➤ Do NOT over pack with timber boards.

### 8.0 Appendix

### 8.1 Soft Plastic Composition

- Soft or flexible plastics can be scrunched into a ball in your hand.
- Soft plastic packaging cannot be recycled in Australia and New Zealand through residential kerbside waste collection services.
- To recycle soft plastic packaging, consumers need to take their soft plastic packaging to a business or facility that offers this specialised recycling service.
- Soft plastic packaging can be comprised of different polymers that are chemically mixed or laminated together to provide different properties as packaging materials.

### **Recyclable Soft Plastics:**

The following soft plastics can be recycled via supermarkets in Australia and New Zealand:

- HDPE, LDPE, PP and BOPP polymer blends are recyclable when mixed in any ratio.
- Any amount of PET, PVC, PVDC, Polystyrene or bioplastics CANNOT be recycled.
- PP and PET are only recyclable if the soft plastic contains less than 30% PET,
- HDPE, LDPE and PP can only be recycled when combined with nylon, EVOH, paper or aluminium if these secondary materials comprise less than 30% of the mix.