



SAFETY & HANDLING

The following information is a general guide only. For detailed information contact your appropriate state authorities and always adhere to the relevant legislation, regulations and codes of practice.

Refer to our data sheets for more information about the products.

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General Safety

Install fall protection gear like safety mesh, personal harnesses and perimeter guardrails as required by state law.

- Ensure you use the right tools for the right task.
- Do not walk on roofing or use power tools in wet and windy conditions.
- In windy or wet conditions, ensure you tie down roofing materials before fixing them.
- When walking on roofing, always wear flat rubber sole shoes.
- Where possible walk on purlins for your personal safety and to avoid damaging the roof.
- If you cannot walk on purlins, keep your weight evenly distributed by walking flat-footed.
- Avoid concentrating your weight on your heels or toes.
- When walking over corrugated roofing, spread your weight over as many ridges as possible.



- In contrast, for ribbed roofing, walk along the pans of the sheet.
- Don't walk on V-Line roofing as it is non-trafficable.
- Consider installing a temporary working platform with handrails when working on a non-trafficable roof or where heavy foot traffic is likely.
- Do not walk on a roof overhang. Walk over or as close as possible to a support beam.
- Do not walk in the pan immediately adjacent to flashings or skylight strips.

On-Site Delivery

- Confirm the site is accessible to delivery vehicles and other safety or lifting equipment.
- Select a suitable level location to unload and store delivered products.
- Check that appropriate lifting equipment and labour is on-site before delivery, if required.
- Ensure lifting equipment suppliers are aware of your lifting requirements e.g. Lengths, height, weights, and materials.
- For panels of less than and greater than 9m in length use a truck with a crane and sling.
- For lifting panels greater than 9m in length, the use of a spreader bar is recommended.
- Check that all materials delivered match your order before using them.

On-Site Storage

- Where possible keep products dry and off the ground.
- Avoid unpacking them until you are ready to install them.
- If left out in the open, protect your products with a waterproof cover.
- If products get wet, separate them, wipe them, and put them out to dry in the open air to prevent discolouration.
- Avoid leaving roofing, gutters, downpipes, beams, and flashings exposed to the sun for long periods as this can cause thermal bowing and make it hard to remove the plastic film on certain products.
- Powder-coated materials should not be left in plastic packaging for long period of time or be exposed to moisture.
- Dispose of plastic film and packaging in an environmentally responsible manner.
- Keep products safe from onsite trades and vehicles to avoid contaminants and damage.
- Do not place or stack other materials on top of delivered packs.

General Handling

- Always wear personal protective equipment when handling steel products.
- Take care when handling steel as some products are sharp and heavy.

Panel Handling and Preparation

- Do not lift a roof panel from the top sheet. Lift the panel from the bottom skin.
- When lifting roof panels off a pack, always lift the panels vertically.
- Do not slide or drag roof panels off the pack as this will scratch painted surfaces.
- Take care to avoid damage to the corners and joints of roof panels.
- When putting roof panels down, place them vertically onto a non-abrasive, level and stable surface.
- When moving roof panels onsite, carry them along their edge, ensuring you have someone to hold the panel on either end.
- Consider using a crane to lift roof panels into their final fixing position.
- Check that the building structure will support the weight of the panels before placing them on the roof.
- When lifting long loads by crane, ensure the load is evenly spread.
- Use a spreader tube on sling to ensure the bottom skin is not damaged or crushed during the lifting process.
- Check your frame alignment before you install roof panels.
- Check engineering and panel installation drawings and measure overall building dimensions and support beams to ensure they are in the correct location.
- All support beams not in the correct location must be rectified by the responsible party before panel installation begins.
- Ensure panels are turned up (at the receiver channel or ridge cap) or down (at the gutter fascia) end ready for installation.
- Trim the ends of the rib on the top and bottom end of panels with tin snips to ensure not protrude past the overlap sheet.
- Remove and clean any leftover bits of polystyrene foam from the cutback end of the panel.
- Peel back the plastic film on the underside of the panel before fixing the panel into the receiver channel and onto supporting beams.



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- Peel back the plastic film from the ceiling join and the beam end before connecting the two panels together and fixing the panel to the beam.

Cutting, Drilling and Fastening

- Where possible, minimise cutting materials on-site by ordering materials cut to length.
- Try to cut roofing, beams, posts, gutters and flashings before installing them.
- Always wear personal protective equipment when cutting steel products.
- Take care to cut materials over the ground and not over or near other steel products.
- Always use appropriate power or hand tools to cut steel products.
- Avoid using blunt or abrasive blades on power tools that can cause edge and coating damage.
- Use a padded sawhorse or trestle to protect products and improve cutting precision.
- Face painted products down when cutting or drilling them to prevent scratching painted surfaces.
- Clean the surface of steel products before cutting them

Cleaning

- Remove metal shavings following cutting or drilling using a soft bristle brush or rag, then rinse metal surfaces with water to ensure you wash all metal particles away.
- Never use abrasive products or solvents to clean painted surfaces e.g. turpentine, petrol, kerosene and paint thinners.
- Remove uncured sealant using a clean, dry rag to stop painted steel surfaces from getting damaged.
- Alternatively, use a plastic spatula to remove cured sealant from painted steel surfaces.
- Concrete residue on steel surfaces should be washed immediately using mild soapy water.
- Collect metal scraps lying on steel products after installation to prevent rust from forming.

Finishing Touches

- Test all touch-up colours on off-cut material before use on painted steel surfaces.
- Note that touch up paint is not high-gloss and will fade at a different rate to metal products.
- Use touch-up cans for minor scratches only.
- Remember to clean the scratched area before applying touch-up paint to painted steel products.

TRANSPORT SAFETY & CUSTOMER PICK UPS

This guide applies to our customers collecting goods to be transported by road and restrained according to state law.

Site Requirements

- When picking up your order, observe site signage for specific safety requirements.
- Observe speed limits, PPE requirements, rules, and warnings.
- Ensure your vehicle and restraints are appropriate for the load.
- Secure your load, to ensure you don't lose it in transit.
- If we think your vehicle is unsuitable, we will not load it.

Chain of Responsibility

- All parties who have control or influence over the transport are deemed responsible for complying with and breaching the law.
- Refer to the National Transport Commission website ntc.gov.au or contact your local state road and transport authority for more information.

Overhang Limits

- The driver's vision must not be obstructed.
- The use of 450mm square bright red flag is mandatory on loads with an overhang of 1200mm or more and on loads that can't be easily seen.
- Roof racks must be secure:
 - A max load of 40kg for sports racks applies e.g. sedans, vans, and wagons.
 - A max load of 100kg for utility vehicles and trade racks applies (unless certified to exceed 100kg).
- Written proof is required for loads exceeding 100kg.



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