STUDIO

Fabrication & Installation Guide

Studio PLY Lightweight Supermatte Panels

Australia & New Zealand

October 2026

Elevate every journey with *Studio.*

Thank you for interest in Studio Lightweight Supermatte Panels.
This document provides a comprehensive set of technical specifications for Studio, as well as answering common questions about machining, fabrication, installation, and care.
For further information, please contact info@egrdecor.com, your nearest Studio distributor, or visit egrdecor.com

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Overview

Designed for modern caravan and RV interiors, Studio is a premium super-matte decorative panel that combines sophisticated aesthetics with lightweight performance. Featuring advanced anti-fingerprint technology, exceptional durability, and effortless maintenance, Studio creates stylish, practical living spaces that stay looking their best on the road.

Applications

Elevate every journey with Studio. Manufactured using a lightweight plywood substrate, it is ideal for cabinetry, furniture, and interior fit-out applications where weight reduction and performance are equally important.

Quality Features



Fingerprint Resistance



Scratch Resistance



Stain and Household Chemical Resistance



Easy-Care Surface



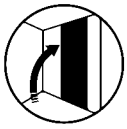
Easy to work



Lightweight Panels



Caravan & RV Applications



Vertical Applications

Studio PLY Offering

Plywood substrate reduces panel weight and improves handling during installation.

THICKNESS	FINISHED PANEL SIZE	SUBSTRATE	APPLICATION	WEIGHT	FINISH
17mm	2400x1200mm	Lightweight Plywood	Cabinet doors, drawer fronts and face panels	8kg/m²	Supermatte

Manufacturing

- Manufactured using advanced PUR reactive hot-melt lamination technology.
- Made in Australia at EGR's ISO 9001-certified facilities.

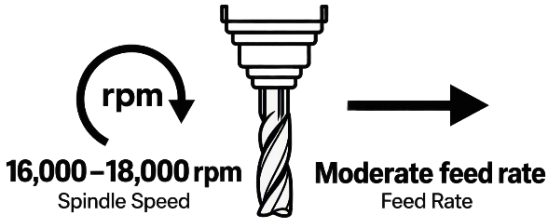
Fabrication, Installation & Storage

Fabrication

- Use standard woodworking machinery, tooling and hardware suitable for plywood-based panels.
- Ensure all cutting tools and blades are sharp, clean and correctly adjusted.
- Support panels adequately during cutting, routing and drilling to prevent surface damage.
- Conduct production trials to optimise machining parameters and achieve the best finish.
- Maintain effective dust extraction during processing.
- Keep the protective film in place during fabrication wherever possible.

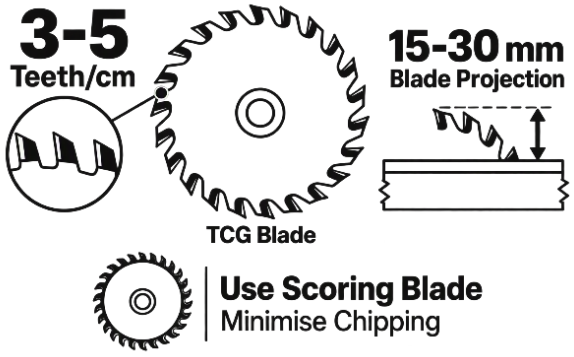
Routing

- Use carbide-tipped or diamond tooling.
- Small-diameter, 2-flute compression cutters are recommended to minimise edge chipping and masking film feathering.
- Recommended CNC settings: 16,000-18,000 rpm spindle speed with a moderate feed rate.
- Avoid feed speeds that are too slow, which may cause burning, or too fast, which may result in chipping. Optimise settings through production trials to achieve the best edge quality.



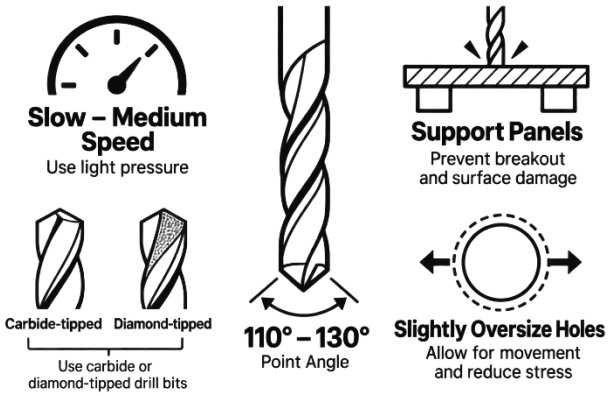
Saw Cutting

- Use panel or beam saws fitted with carbide-tipped TCG (Triple Chip Grind) blades.
- Recommended blade density: 3-5 teeth per cm.
- Keep blade projection low (15-30 mm) and maintain a consistent feed rate.
- Use a scoring blade where available to minimise chipping.



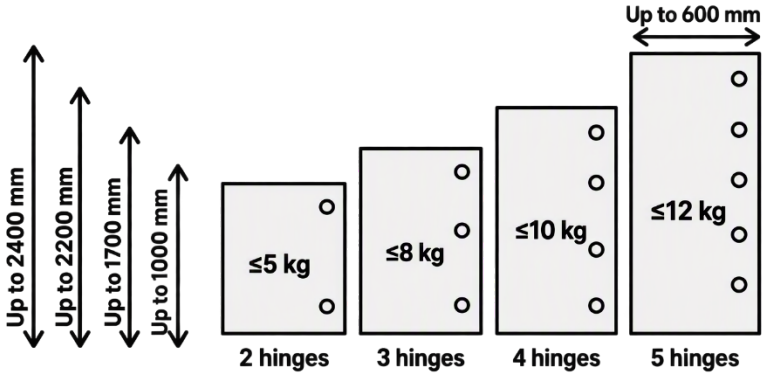
Drilling

- Use carbide or diamond-tipped drill bits with a 110°–130° point angle.
- Drill at slow to medium speeds using light pressure.
- Support panels to prevent breakout and surface damage.
- Slightly oversize holes where required to accommodate movement and reduce stress.



Hardware & Hinges

- Test hinge cup drilling on a sample panel before production.
- Space hinges and fixings at a maximum of 300 mm centres.
- Use additional hinges for taller or heavier doors.



Installation

- Suitable for interior applications only.
- Protect panels from direct sunlight, excessive heat and prolonged moisture exposure.
- Pre-drill fixings where required and avoid overtightening.
- Ensure panels are fully supported and installed in accordance with accepted cabinetmaking practices.
- Leave adequate clearance around doors and panels to accommodate normal movement.

Safe Handling

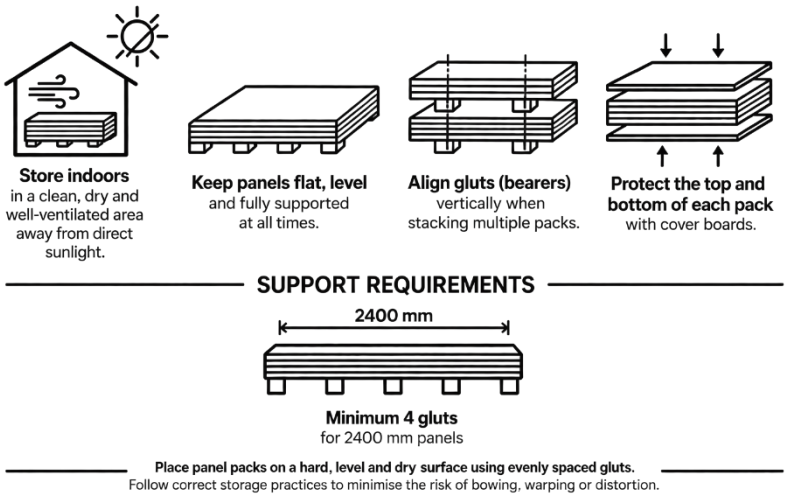
- Use at least two people when lifting large panels.
- Always lift panels. Do not drag or slide them across surfaces.
- Keep the protective film in place until fabrication and installation are complete.

Storage

- Store panels indoors in a clean, dry and well-ventilated area away from direct sunlight.
- Keep panels flat, level and fully supported at all times.
- Align gluts (bearers) vertically when stacking multiple packs.
- Protect the top and bottom of each pack with cover boards.

Support Requirement

- Place panel packs on a hard, level and dry surface using evenly spaced gluts:
  - 2400 mm panels: Minimum 4 gluts
- Follow correct storage practices to minimise the risk of bowing, warping or distortion.



Cleaning & Maintenance

Routine Cleaning

- Clean regularly using warm, soapy water and a soft microfibre cloth.
- Dry the surface after cleaning to prevent streaking.
- Wipe up spills promptly to minimise the risk of staining.
- For stubborn marks and difficult stains, use Mr. Clean Magic Eraser.



Magic Eraser Use

- Use sparingly and with care.
- Only water is required.
- Apply light to moderate pressure and gently wipe the affected area.
- Avoid excessive rubbing, as overuse may alter the surface sheen.



During Fabrication

- Remove dust, adhesive residue and fabrication contaminants using a soft microfibre cloth lightly dampened with white spirit (mineral turpentine).
- Always test cleaning products on an inconspicuous area before use.



Do Not Use

- Abrasive pads, scouring compounds or abrasive cleaners.
- Acidic cleaners (e.g. vinegar or descalers).
- Alkaline cleaners (e.g. bleach or oven cleaners).
- Ammonia-based cleaners.
- Strong solvents such as acetone, IPA or alcohol.
- ABS edgeband cleaning chemicals.



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