EGR DECOR

StyleLite®

Waterproof Cabinetry Fabrication & Installation Guide

Superior Gloss & Matte Indoor Panels
Australia & New Zealand

September 2025

Thank you for interest in the *StyleLite Waterproof product range.*

This document provides a comprehensive set of technical specifications, as well as answering common questions about machining, fabrication, installation, and care.

TECHNICAL SUPPORT

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Overview

StyleLite Waterproof is a high-performance, water-resistant panel solution featuring a durable Weatherproof Composite Core (WCC) and StyleLite TruMatte acrylic surfaces, bonded with advanced PUR reactive hotmelt technology. It is ideal for interior spaces in flood-prone or high-moisture areas such as kitchens, bathrooms, laundries, utility rooms, and mudrooms. The StyleLite TruMatte surface includes TruColor multi-layer UV technology, delivering a premium look and feel with superior durability and performance.

Quality Features



StyleLite Waterproof Face Panels

Smooth, modern matte finish with scratch resistance and anti-fingerprint surface for luxurious look.

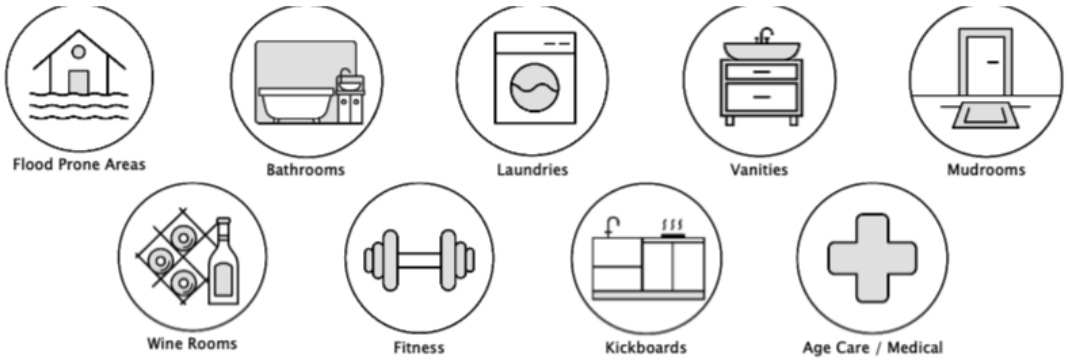
SUBSTRATE	FINISHED PANEL SIZE	APPLICATION	WEIGHT	FINISH
Weatherproof Composite Core (WCC)	2400x1200x18mm	Cabinet doors, face panels, and drawer fronts	13kg/m^2	StyleLite TruMatte

StyleLite Waterproof Carcass Panels

Matte textured ABS/acrylic surface with a uniform and consistent look.

SUBSTRATE	FINISHED PANEL SIZE	APPLICATION	WEIGHT	FINISH
Weatherproof Composite Core (WCC)	2400x1200x16mm	Cabinet carcass, kickboards, base frames and drawer bases panels	12kg/m^2	Matte textured

Applications



Important Information

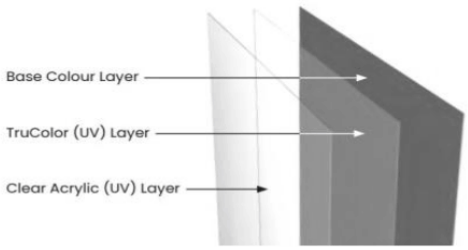
- Fabrication and installation must comply with AS/NZS 4386 standard and relevant guidelines in this document.
- EGR DECOR is not liable for improper fabrication or installation of StyleLex products.
- It is the installer's responsibility to ensure the product's suitability for the intended application.

Warranty

- StyleLite Waterproof panels include a limited 7-year warranty.
- StyleLite edgebanding include a limited 1-year warranty.

TruColour Technology

TruColor features a unique combination of clear and coloured UV barrier layers that are fused together during manufacture using a sophisticated multilayer die and triple extrusion process



StyleLite Waterproof – Installation & Fabrication Top Tips

- Install only in undercover indoor areas, away from direct sunlight
- Store panels flat, horizontal, and fully supported at all times
- Panels can be cut and drilled using the same tools as MDF and other wood-based materials.
- Compatible with all standard hardware and hinge systems. Use 5 mm Euro screws for best results.
- Single door panels should be no more than 600 mm wide to ensure strength and stability.
- Fixing points must be placed at intervals of 300 mm or less to provide proper support.
- Pre-drill and countersink are strongly recommended for stronger joints.
- For carcass construction, use screws 51 mm or longer to maintain frame strength.
- Avoid cut-outs or openings on panels; if required, reinforce to reduce warping or twisting.
- Edgebanding is suitable with both EVA and PUR adhesives.
- Do not use as routed panels where the core is exposed, as this may cause bowing.
- Clean surfaces gently — avoid harsh chemicals, solvents, or abrasives.
- Always refer to full StyleLite technical documents and warranty conditions for complete details.

Unsuitable Applications

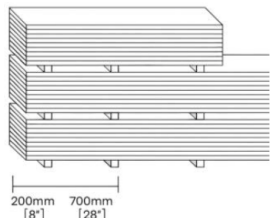
- StyleLite Waterproof panels are not intended for structural applications.
- StyleLite Waterproof panels are not suitable for outdoor areas.
- StyleLite Waterproof panels are combustible materials

Guaranteed Quality

- StyleLite Waterproof panels comply with the relevant sections of AS/NZS4386.
- StyleLite Waterproof panels is manufactured in Australia at EGR's ISO 9001-accredited facilities.
- StyleLite Waterproof panels is designed to withstand full water submersion under ambient conditions for up to 30 days with no noticeable change.

Storage and Handing

- Always handle panels carefully with at least two people to prevent breakage or damage.
- Lift panels during loading and unloading; never drag or slide them.
- Store panels in a clean, dry, and well-ventilated area.
- Keep panels stored flat, horizontally, and fully supported at all times.
- Never transport or store panels in direct sunlight
- Place panel packs on four evenly spaced bearers on a level, hard, and dry surface.
- When stacking multiple packs, ensure gluts/bearers are properly aligned for stability.
- Use protective cover boards on both the top and bottom of packs.
- Follow correct storage practices to avoid bowing or warping.



Correct storage method

Fabrication

Overview

- StyleLite Waterproof panels can be cut and drilled with standard woodworking tools.
- Always run a small trial to confirm the best speed and settings.
- Rough edges may result from friction, poor support, or worn/inadequate tools.
- Adjust cutting to avoid edge strands, which can affect edgebanding quality.
- Keep machines well-ventilated and use dust extraction during processing.
- Control heat during cutting to prevent edge melting or surface marks.
- Inspect all panels for defects on arrival, before cutting or fabrication.

Cutting

- StyleLite Waterproof panels can be cut using standard carbide or diamond tools.
- A small-diameter, 2-flute (wing) tool is recommended for best performance.
- Set compression routers to 16,000–18,000 RPM.
- Other cutting parameters are the same as MDF.

Hinge Recommendation

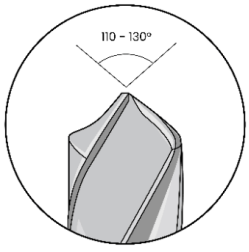
- Always test hinge drilling on a sample panel to confirm depth and backset.
- StyleLite Waterproof door panels must use the correct number of hinges, spaced no more than 300 mm apart.

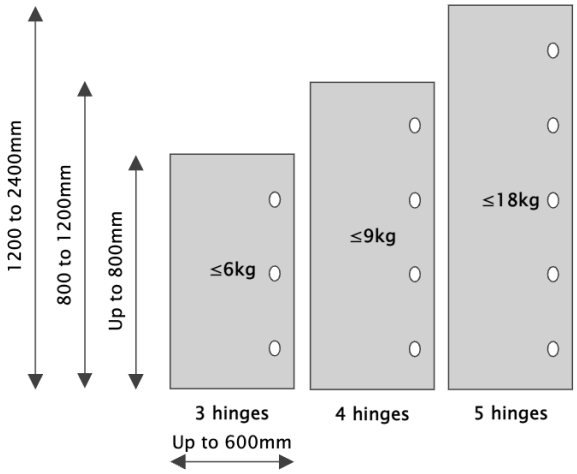
Saw Cutting

- Panels can be cut using standard settings on panel saws or beam saws.
- A sharp carbide-tipped triple chip grind (TCG) blade is recommended.
- Use blades with 3–5 teeth per centimetre for smooth, clean results.
- Maintain a low cutting height (15–30 mm) for best performance.
- Operate at standard or lower RPM to reduce heat build-up.
- Keep a steady, continuous feed speed — avoid stopping during the cut.
- A scoring blade should be used on panel saws to prevent edge chipping.

Drilling

- Use carbide or diamond drill bits with a 110°–130° point angle for clean holes.
- Drill at slow to medium speed with light pressure to prevent heat or cracks.
- Always place the panel on a firm backing to stop vibration and breakout.
- Keep the drill perpendicular for accuracy and to avoid laminate damage.
- Make holes slightly larger than fasteners to allow expansion and prevent stress cracks.





StyleLite Waterproof Panel - Size & Design Requirements

- Single door panels must not exceed 600 mm in width.
- Cut-outs or openings are not recommended. Reinforce when necessary to minimise warping or twisting.

General Recommendation

- Fully compatible with standard hardware and hinge systems.
- Use 5 mm Euro screws for strong and secure installation.
- For doors and front panels, ensure fixing points are no more than 300 mm apart.
- If drawer system fasteners are spaced wider than 300 mm, add extra fixing points. A support bracket should be fitted beneath the bottom drawer panel.
- Do not over-tighten screws or apply force (e.g., hammering) during assembly, as this may damage the panel.

Carcass Construction Recommendation

- Use screws at least 51 mm long to build a strong and stable cabinet frame.
- Always pre-drill pilot holes and countersink before fastening to avoid splitting.
- Do not over-tighten screws or apply force (e.g., hammering) during assembly, as this may damage the panel.
- Position the first screw at least 35 mm from each edge to prevent splitting.
- For standard-sized cabinets, space screws 150–200 mm apart on centre.
- For larger cabinets, reduce screw spacing to 100–150 mm apart for extra reinforcement.

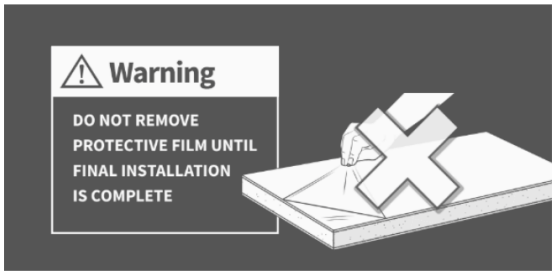
Cleaning During Fabrication

- Clean spills immediately to prevent stains or damage.
- During fabrication, wipe gently with a microfiber cloth and a lightly dampen a microfiber cloth.
- Test all new cleaning products on a hidden area before use
- Do not use abrasives, strong solvents, or harsh chemicals. Never use the following products:
  - ✗ Acidic cleaners e.g. vinegar, rust removers, or limescale removers
  - ✗ Alkaline cleaners e.g. bleach, oven cleaners, baking soda.
  - ✗ Ammonia-based cleaners e.g. window and glass cleaners.
  - ✗ Strong solvents e.g. acetone, isopropyl alcohol (IPA) or methylated spirits
  - ✗ Abrasive cleaners e.g. scouring pads, rough sponges, or gritty cleaners like CIF
  - ✗ ABS edgetape cleaner.

Edge Finishing

- StyleLite edgeband is compatible with EVA and PUR adhesives.
- Use PUR adhesive for harsh or high-moisture environments.
- Run trials to set the best machine settings for each job.
- Adjust trimming tools and scrapers to avoid surface damage or lips
- Use white glue on white panels and clear glue on coloured panels.
- Only use cleaning agents approved by the adhesive supplier — always test on a small sample first.
- If glue overrun or surface contamination occurs, wipe gently with a microfiber cloth dampened with white spirit (mineral turpentine).

✗ **Never use ABS edgeband cleaners on StyleLite.**



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