STUDIO

# Technical Data Sheet

***Studio Plywood Panel***

Australia & New Zealand

October 2026

# Elevate every journey with *Studio.*

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. 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.

## Studio Plywood Panel

| | |
|---|---|
| **FACE SURFACE** | High performance Polymer (HPP) |
| **BACK SURFACE** | High performance Polymer (HPP) |
| **CORE MATERIAL** | MR Lightweight Plywood (PLY) |
| **BONDING SYSTEM** | PUR Reactive Hot-Melt Adhesive |

| PROPERTY | SPECIFICATION | TEST METHOD |
|---|---|---|
| **Physical Properties & Dimensions** | | |
| Density | 425 kg/m³ | EN 323 |
| Board Length | 2400mm | EN 324-1 |
| Board Width | 1200mm | EN 324-1 |
| Board Thickness | 17mm Nominal | EN 324-1 |
| Board Weight | ≤ 8.0 kg/m² | EN 323 |
| **Mechanical Performance** | | |
| MOR | ≥ 30 MPa | EN 310 |
| MOE | ≥ 3000 MPa | EN 310 |
| Screw Retention - Face | ≥ 800 N | EN 320 |
| Screw Retention - Edge | ≥ 800 N | EN 320 |
| Thickness swell - 24 hrs | ≤ 5% | EN 317 |



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| PROPERTY | SPECIFICATION | TEST METHOD |
|---|---|---|
| **Surface Performance** | | |
| Colour Tolerance | Solid Colours, dE ≤ 2 | ASTM D 2244 |
| Gloss Level | ≤ 5 GU @ 60° | ASTM D 523 (60°) |
| Pencil Hardness | ≥ 6H | ASTM D 3363 |
| Impact Resistance | ≥5Kg-f | ASTM D 5420 |
| Resistance to surface wear | ≥ 100 Cycles | EN 438-2 |
| Resistance to scratching | ≥ Rating 4 | EN 438-2 |
| Resistance to stains | Rating 5 Group I & II<br>Rating 4 Group III | EN 438-2 |
| Resistance to fingerprint | Rating 5 | EGR Test Method (ISO 2813) |
| Resistance to light exposure | dE ≤ 2.5 after 3000hrs | EN 4892-3 (QUV-340) |
| **Quality** | | |
| Surface defects | Spots ≤ 1 $mm^2/m^2$<br>Linear imperfections ≤ 10 $mm/m^2$ | EN 438-2 |
| Peel Adhesion | ≥ 15 Kgf/300mm | ASTM D 903 |
| Flatness tolerance | ≤ 2 mm/meter any direction | ISO 13894-1 |
| Formaldehyde emissions | E1 (≤ 1.0 mg/L) | EN 717-1 |

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