STUDIO

Technical Data Sheet

Studio MDF Panel

Australia & New Zealand

October 2026

Elevate every space with *Studio.*

Studio is a premium super-matte decorative panel designed for contemporary interiors, where sophisticated design and everyday performance are equally important. Featuring advanced anti-fingerprint technology, exceptional durability, and effortless maintenance, Studio creates beautiful spaces that stay looking their best. Developed for architects, designers, and cabinet makers, it is the ideal surface solution for premium cabinetry, furniture, and interior applications in both residential and commercial projects.

Studio MDF Panel

FACE SURFACE	High performance Polymer (HPP)
BACK SURFACE	High performance Polymer (HPP)
CORE MATERIAL	MR E0 Medium Density Fibreboard (MDF)
BONDING SYSTEM	PUR Reactive Hot-Melt Adhesive

PROPERTY	SPECIFICATION	TEST METHOD
Physical Properties & Dimensions		
Density	750 kg/m³	EN 323
Board Length	3600mm 3000mm 2400mm	EN 324-1
Board Width	1200mm	EN 324-1
Board Thickness	16mm Nominal 18mm Nominal	EN 324-1
Board Weight	16mm ≥12kg/m² 18mm ≥14kg/m²	EN 323
Mechanical Performance		
Internal Bond	≥ 0.80 MPa	EN 319
MOR	≥ 35 MPa	EN 310
MOE	≥ 3500 MPa	EN 310
Screw Retention - Face	≥ 800 N	EN 320
Screw Retention - Edge	≥ 1000 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	≥10Kg-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 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 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	E0 (≤ 0.5 mg/L)	EN 717-1

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