EGR DECOR

StyleLite®

Waterproof Carcass Panel Technical Data Sheet

Superior Gloss & Matte Indoor Panels

Australia & New Zealand

September 2025

StyleLite Waterproof Carcass Panel

StyleLite Waterproof is a high-performance, water-resistant panel solution featuring a durable weatherproof composite core (WCC) and a high-quality ABS acrylic backer surface, bonded with advanced PUR reactive hotmelt technology. Designed for carcass use in flood-prone and high-moisture areas -such as cabinet frames, kickboards, base frames and drawer base panels- they meet the relevant sections of AS/NZS 4386 and include a limited 7-year warranty.

StyleLite Waterproof Carcass Panel

Face Surface	Textured ABS/acrylic sheet
Back Surface	Textured ABS/acrylic sheet
Core Material	Weatherproof Composite Core (WCC)
Bonding System	Advanced PUR reactive hotmelt system

PROPERTY	SPECIFICATION	TEST METHOD
PHYSICAL & DIMENSIONS		
Density	700kg/m3	EN 323
Board Length	2400mm	EN 324-1
Board Width	1200mm	EN 324-1
Board Thickness	16mm Nominal	EN 324-1
Board Weight	12kg/m2	EN 323
MECHANICAL		
MOR	≥ 30 MPa	EN 310
MOE	≥ 800 MPa	EN 310
Screw Retention - Face	≥ 800 N	ISO 13894-1
Screw Retention - Edge	≥ 700 N	ISO 13894-1
Thickness Swell 24 hrs	≤ 1%	EN 317
SURFACE		
Colour Tolerance	dE ≤ 2, Solid colours	ASTM D 2244
Gloss Level	≤ 10 GU	ASTM D 523 (60 o)
Surface Hardness	H	ASTM D3363
Erichsen Hardness	≥0.2N	ISO 1518
Resistance to stains	≥ Rating 3	EN 438-2
Resistance to steam	≥ Rating 5	EN 438-2

PROPERTY	SPECIFICATION	TEST METHOD
Resistance to boiling water	≥ Rating 4	EN 438-2
Resistance to wet conditions	≥ Rating 4	EN 438-2
QUALITY		
Surface defects	6 specks ≤ 0.5 mm 6 dimples or raised < 3 mm No pin holes > 0.2 mm	EN 438-2
Board edges	Face material within ±3.0 mm of core edge	Steel rule
Surface bond strength	≥ Rating 4	ISO 13894-1
Deviation to flatness	≤ 3 mm/metre in any direction	ISO 13894-1
Resistance to elevated T° (short term)	No noticeable change	ISO 13894-1
Resistance to submersion in water	Withstands full water submersion under normal ambient conditions for up to 30 days with no change	EGR Method

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