StyleLex®

Technical Data Sheet

StyleLex Face Panel

Australia & New Zealand

Designed to specify.

October 2026

TECHNICAL DATA SHEET

StyleLex Face Panel

StyleLex Face Panels are premium decorative panels for wet area and covered outdoor applications. Built with a weather-resistant composite core (WCC) and a UV-stable HPL surface, they offer excellent durability, moisture resistance, and UV performance.
Suitable for cabinet doors, drawer fronts, and decorative panels in alfresco kitchens, laundries, and other high-moisture applications.

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FACE SURFACE	BACK SURFACE	CORE MATERIAL	BONDING SYSTEM
UV-resistant High Pressure Laminate (HPL)	UV-resistant High Pressure Laminate (HPL)	Weatherproof Composite Core (WCC)	PUR Reactive Hot-Melt Adhesive

PROPERTY	SPECIFICATION	TEST METHOD
Physical Properties & Dimensions		
Density	700kg/m3	EN 323
Board Length	2400mm	EN 324-1
Board Width	1200mm	EN 324-1
Board Thickness	18mm Nominal	EN 324-1
Board Weight	13kg/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
Surface		
Colour Tolerance	Solid Colours, dE ≤ 2 Woodgrains, visual match to master	ASTM D 2244 Visual assessment
Gloss Level	≤ 10 GU (60°)	ASTM D 523 (60 o)
Surface Hardness	≥9H+	ASTM D3363
Resistance to surface indentation	≥10Kg-f	ASTM D5420
Resistance to surface wear	≥ 150 Cycles	EN 438-2
Resistance to scratching	≥ Rating 3	EN 438-2
Resistance to stains	Rating 5 Group I & II Rating 4 Group III	EN 438-2
Resistance to wet conditions	≥ Rating 4	EN 438-2
Resistance to UV Light	≥ Rating 3 (Contrast) ≥ Rating 4 (Appearance)	EN 438-2
Resistance to light fastening (Xenon-arc)	dE ≤ 2.5 after 5000hrs.	EN 4892-3 (QUV-340)

Quality		
Surface defects	≤ 1mm2/m2 – Spots ≤ 10mm/m2 – Liner	EN 438-2
Surface bond strength	≥ Rating 4	ISO 13894-1
Deviation to flatness	≤ 3 mm/meter any direction	ISO 13894-1
Resistance to water (edge swell 24 hrs.)	≤ 1%	ISO 13894-1
Resistance to elevated T° (short term)	No visible change after 1 hour at 80°C.	ISO 13894-1
Resistance to elevated T° (long term)	No visible change after 16 hours at 80°C.	ISO 13894-1
Resistance to water vapor	No visible change after 1 hour exposure	ISO 13894-1
Resistance to climate shock	No visible change after 6 cycles of 4 hours at 80°C followed by 4 hours at -10°C.	EGR Internal Method
Resistance to submersion in water	Withstands full submersion up to 7 days under ambient conditions	EGR Internal Method

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