EGR DECOR

StyleLex®

Edgebanding Technical Data Sheet

Luxury Covered Outdoor & Wet Are Panels

Australia & New Zealand

August 2025

TECHNICAL DATA SHEET

StyleLex Edgebanding

StyleLex edgeband is a premium thermoplastic edging made from high-quality ABS and finished with a protective surface coating for added durability. Ideal for complementing and protecting StyleLex panels, the edgebanding meet the relevant sections of AS/NZS 4386 and include a limited 1-year warranty.

StyleLex Edgeband

FACE SURFACE
Matching textured solid colours and woodgrain patterns

BACK SURFACE
Backside coated with a primer*

CORE MATERIAL
ABS finished with a protective surface coating

PROPERTY	SPECIFICATION	TEST METHOD
Physical & Dimensions		
Edge Width	23mm; ± 0.5mm	Calliper
Edge Thickness	1mm; ± 5.0%	Calliper
Edge Length	100m; ± 5.0%	Tape Measure
Density	1.08g/cm3; ± 5.0%	ISO 1183
Mechanical		
Flexural modulus	2300 MPa	ASTM D-790
Flexural strength	68 MPa	ASTM D-790
Tensile Strength	45MPa	ASTM D-638 (50mm/min)
Strain at break	40%	ASTM D-638 (50mm/min)
Surface		
Colour Tolerance	Solid Colours, dE ≤ 2.5 Woodgrains, visual match to master	ASTM D 2244 Visual assessment
Gloss Level	≤ 10 GU	ASTM D 523 (60°)
Water Absorption	0.3%	ASTM D-570(24h-23°C)
Vicat Softening Point	109°C	ISO 306/A120(10N-120°C/h)
Pencil Hardness	H	ASTM D3363
Shore Hardness D	74 ± 4	DIN ISO 7619-1
Ball Indentation Hardness	100 – 120 N/m2	ISO 2039-1
Abrasion	30	ASTM D 4060-10(1000xmg/n° rounds)
Chemical Resistance	Class 1B	EN12720

PROPERTY	SPECIFICATION	TEST METHOD
Wet heat resistance	≥ Rating 4	EN12721
Dry heat resistance	≥ Rating 5	EN12722(100°C)
UV Resistance	≥ Rating 4	ASTM G 154-12 (200hrs)
Light Resistance	≥ Rating 5	UNI EN ISO 105-B2:2013 (50hrs)
Fire Performance		
Flammability	HB	-

* StyleLex edgeband is compatible with EVA and PUR adhesives

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