TruNatur

HPL Laminate Sheet

Technical Data Sheet

Polymer Veneer Woodgrain Indoor Panels

Australia & New Zealand

September 2025

TruNatur HPL Laminate Sheet

TruNatur HPL is a versatile laminate sheet solution that combines a non-postforming HPL core with a premium polymer veneer, bonded using advanced PUR reactive hotmelt technology. The premium polymer veneer features a nano coated surface that offers superior resistance to scratches, stains, chemicals, UV exposure and antibacterial protections. TruNatur HPL sheets are designed for interior decorative vertical and light-duty horizontal applications, and can also be used in curved installations, ensuring a perfect match with face panels in both residential and commercial projects. Typical applications include reception areas, vanities, shelving, displays, and architectural features on walls and ceilings. The laminate sheets meet the relevant sections of AS/NZS 1859 and include a limited 7-year warranty.

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Face Surface	Premium Polymer Veneer
Back Surface	Premium Polymer Veneer
Core Material	Non-postforming HPL
Construction	Advanced PUR reactive hotmelt system

PROPERTY	SPECIFICATION	TEST METHOD
PHYSICAL & DIMENSIONS		
Density	1.35 gr/cm3	EN 438-2
Board Length	2400 mm	EN 438-2
Board Width	1200 mm	EN 438-2
Board Thickness	0.8mm nominal	EN 438-2
Board Weight	1 kg/m^2	EN 438-2
SURFACE		
Colour Tolerance	Woodgrains, visual match to master	Visual assessment
Gloss Level	≤ 10 GU	ASTM D 523, (60°)
Resistance to surface wear	≥100 Rev	EN 438-2
Resistance to impact	≥ 10N	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 steam	≥ Rating 5	EN 438-2
Resistance to water vapour	≥ Rating 4	EN 438-2
Resistance to light fastening	dE ≤ 1.5 after 3000hrs.	EN 4892-3 (QUV-351)

PROPERTY	SPECIFICATION	TEST METHOD
QUALITY		
Surface defects	≤ 1mm²/m² – Spots ≤ 10mm/m2 – Liner	EN 438-2
Surface bond strength	≥ Rating 4	ASTM D3359 Method B
HYGIENE PERFORMANCE		
Resistance to bacteria	Over 99% reduction in E. coli and S. aureus bacterial growth within 24 hours	ISO 22196/ JIS Z 2801

Notes:

- All TruNatur HPL sheets use advanced PUR reactive hotmelt bonding technology.
- Cold lamination methods are recommended for fabrication
- Postforming processes involving high heat or heavy handling are not suitable.
- The recommended minimum bending radius is 150 to 200 mm (8").
- Smaller bends are possible with cold-pressing, subject to confirmation of the fabricator's process capability.

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