

# polytec



Technical Data Sheet

## LPM

### Low Pressure Melamine - Venette

LPM Low Pressure Melamine - Venette / Technical Data Sheet

GENERAL INFORMATION

polytec's Venette range is an Australian made fingerprint and scuff-resistant decorative board product. The Venette pure matt range will add a touch of luxe to any vertical application, creating a soft appeal without the concern of excessive fingerprints. polytec recommend Venette is used in vertical applications only.

FEATURES AND BENEFITS

- Tough and durable
- Resistant to fingerprints and scuff
- Unique pure matt finish

PHYSICAL PROPERTIES

TYPICAL PROPERTIES AS TESTED TO AS/NZ 1859.2

Density	720 kg/m <sup>3</sup>
Modulus of Rupture (MOR)	40 MPa
Modulus of Elasticity (MOE)	3500 MPa
Internal Bond Strength	800 kPa
Moisture Content (ex-factory)	8 %
Thickness Swell (24 Hours)	5 %
Wet Bonding Strength (WBS-A)	6 MPa
Formaldehyde (E-Zero)	0.4 mg/L
SCREW HOLDING	
Edge	1000 N
Face	800 N

DECORATIVE SURFACE PROPERTIES

PROPERTY	TEST METHOD	RESULT
Resistance to Surface Abrasion	AS/NZS 4266.20	> 350 cycles
Resistance to Steam	AS/NZS 4266.23	2
Resistance to Chemicals	DIN 68861	1B
Resistance to Impact	AS/NZS 4266.27	≥ 40 cm
Resistance to Miro Scratch	EN 438-2-Method B	4 – 5
Light Fastness	AS/NZS 2924	≥ 6 (blue wool scale)

WEIGHT AND DENSITY

THICK	DENSITY		TYPICAL PRODUCT WEIGHT
mm	kg /m <sup>3</sup>	kg /m <sup>2</sup>	<b>2400</b> <b>x1200</b>
<b>18</b>	720	12.96	37.32
<b>25</b>	715	17.87	51.49

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### FIRE TESTS

Classified as Group 3 in accordance with specification C110 section 4 of BCA.

### VOC EMISSIONS

#### Green Building Council of Australia

Green Star Design & As Built V1.3 -13.1.2B & 13.2

Green Star Interiors V1.3 -12.1.2B

### STORAGE AND MAINTENANCE

**polytec's** Venette doors, panels and board should be treated with special care, avoid leaning large doors, panels and sheets against walls or other surfaces, this will cause bowing of the product and may void any warranty obligations held by **polytec**. **polytec** Venette products should always be protected against direct sunlight as continuous exposure may cause discolouration or fading over time.

When stacking be sure to place on a flat surface, face to face, this will keep the product in its optimal condition, also be sure not to drag the products across each other as this will cause scratches and damage the surface.

### ENVIRONMENTAL

At **polytec**, sustainability is ingrained in the core of our business operations, products, and work practices. Our continual dedication to improving and appropriately managing the environmental impact of our products involves our commitment to steadfastly reducing our carbon footprint, minimising waste, optimising energy efficiency and integrating ethically sourced materials into our product ranges.

Our MDF and Particleboard are manufactured from managed and renewable plantation pine that has been Green Tag, Responsible Wood and PEFC certified. All **polytec** Venette products are manufactured from E0 or E1 substrates, with particleboard now made from a percentage of recycled wood material.

In our pursuit of responsible waste management, we implement various recycling programs encompassing aluminium, metals, used oils, and timber waste, which is repurposed into packaging, particleboard, and energy. We actively engage with local government environmental initiatives, subject ourselves to voluntary audits, and uphold our internal Energy and Carbon Management Policy (ECM), aligned with the Australian Government's Energy Efficiency Opportunities (EEO) program.

### CONTACT

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