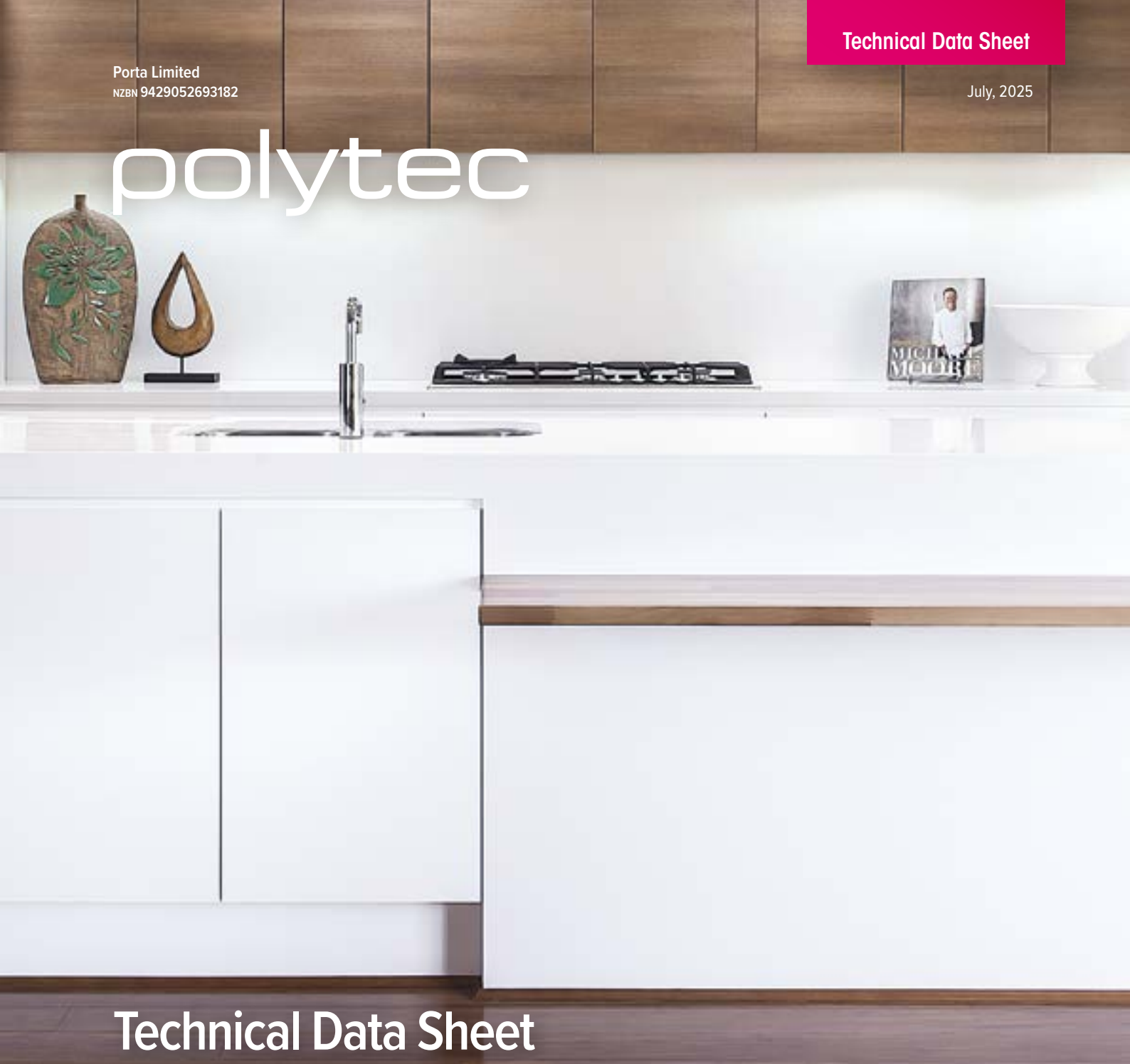


polytec



## Technical Data Sheet

# LPM

## Low Pressure Melamine - Createc

LPM Low Pressure Melamine - Createc / Technical Data Sheet

**GENERAL INFORMATION**

polytec's Createc range decorative board product delivers a ultra high gloss surface, creating sharp lines and a polished, sophisticated finish. The Createc high gloss range will add a touch of luxury to any application with an unrivalled mirror-gloss finish.

**PHYSICAL PROPERTIES**

**TYPICAL PROPERTIES AS TESTED TO AS/NZ 1859.2**

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

**DECORATIVE SURFACE PROPERTIES**

PROPERTY	TEST METHOD	RESULT
<b>Resistance to Surface Abrasion</b>	AS/NZS 4266.20	> 350 cycles
<b>Resistance to Steam</b>	AS/NZS 4266.23	2
<b>Resistance to Chemicals</b>	DIN 68861	1B
<b>Resistance to Impact</b>	AS/NZS 4266.27	≥ 40 cm

**WEIGHT AND DENSITY**

THICK	DENSITY		TYPICAL PRODUCT WEIGHT	
	kg /m <sup>3</sup>	kg /m <sup>2</sup>	2400 x1200	3115 x1200
<b>18</b>	720	12.96	37.32	48.44

**FIRE TESTS**

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

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### 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 Createc 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 Createc 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 Createc 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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