

OVERVIEW

BuildGreen Australia is committed to providing the highest quality Low Pressure Melamine (LPM) MDF.

Through rigorous external testing and verification by global third parties, BuildGreen ensures that every sheet of LPM MDF adheres to the highest standards of sustainability, and compliance, making it an ideal choice for your building needs.

COMPLIANCE AND QUALITY ASSURANCE

BuildGreen's LPM MDF is manufactured in accordance with AS/NZS 1859.2:2017 standards. Our LPM MDF is resilient to areas exposed to low to medium humidity levels and where accidental wetting may occur. BuildGreen also implements continuous in-house and independent auditing and compliance checks, ensuring that our products consistently meet NCC legal and safety standards as well as ISO9001, ISO14001 and ISO45001.

Environmental Sustainability

Environmental sustainability is an integral part of BuildGreen's business operations, products, and practices. All our LPM MDF is manufactured from managed and renewable plantation pine that has been Green Tag, Responsible Wood, and PEFC certified. In pursuit of responsible waste management, all BuildGreen Low Pressure Melamine products are made from E0 or E1 substrates.

COMPOSITION

Ingredient	CAS No.	Content
Plantation soft wood	n/a	> 80%
Melamine urea formaldehyde (MUF) resin	25036-13-9	< 20%
Decorative paper	n/a	< 2%
Paraffin wax	8002-74-2	< 1%

PRODUCT RANGE AND SPECIFICATIONS

BuildGreen offers a comprehensive range of LPM MDF, suitable for various indoor construction needs across different contexts, such as bathrooms, kitchens, laundries, wardrobes, and domestic and commercial furniture. Our LPM MDF is available in an extensive selection of colours and designs for every home or workplace application.

Structural Properties

Density	730 kg/m ³
Modulus of Rupture (MOR)	40 MPa
Modulus of Elasticity (MOE)	3500 MPa
Internal Bond Strength	900 kPa
Moisture Content (ex-factory)	7 %
Thickness Swell (24 Hours)	6 %
Wet Bonding Strength (WBS-A)	7 MPa

Screw Holding

Edge	800 N
Face	600 N

Weight & Density

Thickness	Density		Typical Product Weight					
	mm	kg/m ³	kg/m ²	2400 x 1200	2400 x 1800	2700 x 1200	3600 x 1200	3600 x 1800
9	735	6.62	19.07	-	21.45	28.60	42.90	-
16	720	11.52	33.18	-	37.32	49.77	74.65	43.06
18	720	12.96	37.32	55.99	-	55.99	83.98	48.44
25	715	17.87	51.49	77.24	-	77.24	115.86	-
32	715	22.88	65.89	-	-	98.84	-	-

Fire Tests

Classified as Group 3 in accordance with specification C1.10 section 4 of BCA

Product Stamping

BUILDGREEN LPM MDF
AS / NZS 1859.2

CERTIFICATIONS



Our timber has the internationally recognised Forest Stewardship Council® certification that provides timber users with confidence that it was sourced from sustainably managed forests. FSC® is the only forest certification system that is supported by all major environmental groups. A number of certification assessments, such as the Australia and New Zealand Green Building Councils, accepts only FSC® as proof of sustainability. Our FSC licence code is: SAI-COC-0076389



Our timber is tested by globally recognised independent third parties and their accredited laboratories. Our timber testing is backed by ILAC, the international organisation for accreditation bodies in accordance with ISO17011 which provides significant technical underpinning that in turn delivers confidence in the results.



We maintain ISO9001: Quality Management Systems, ISO14001: Environmental Management Systems, ISO45001: Occupational Health and Safety Management Systems. Our commitment to the International Organisation for Standardisation demonstrates our dedication to excellence. In particular, BuildGreen as the Green Building Company takes a systematic approach to identify and control the environmental impact of our activities and products, working to continuously improve our environmental performance.
