

Particleboard



PRODUCT DESCRIPTION

Uniboard® particleboard is produced using specially bonded, top-quality wood fibers with a proprietary resin formulation and stands out from the competition.

Uniboard particleboard is available in M-S, M-2, M-3i, M-3 and Door Core grades and is the ideal choice for commercial and residential applications. It features a smooth dense and non-porous surface, perfect for laminating and machining and is easy to cut giving a clean result without chipping. Uniboard particleboard panels are sanded to 100 grits.

Uniboard particleboard is offered in lift quantities in 4 and 5 feet width on multiple length and thicknesses, and is designed for easy handling. Alternative sizes and FSC® certified panels are also available upon request.

Uniboard Particleboard is produced at our Sayabec and Val-d'Or mills in Quebec following our leading standards.



IDEAL APPLICATIONS

Uniboard Particleboard is excellent for applications such as:

- Residential kitchens, bathroom, closets and storage
- Office furniture
- Store fixtures
- Point-of-purchase, trade show and exhibition display stands
- Healthcare, schools
- Door core

Particleboard TECHNICAL SPECIFICATIONS ¹

Properties	ANSI A208.1-2022 (Grade M-2)	
	Metric	Imperial
Density	620-670 kg/m ³	38.7–41.8 lb/ft ³
Internal bond	0.40 N/mm ²	58 psi
Modulus of rupture	13.0 N/mm ²	1,885 psi
Modulus of elasticity	2,000 N/mm ²	290,100 psi
Screw holding:		
Face	900 N	202 lb
Core	800 N	180 lb
Moisture content	Max. 10%	
Thickness tolerance - between panels	± 0.200 mm	± 0.008 in
Thickness Tolerance - within panels	± 0.100 mm	± 0.004 in
Length/Width	± 2.0 mm	± 0.080 in
Linear expansion	≤ 0.40%	

¹ Technical specifications are also available for other grades at uniboard.com



FORMALDEHYDE EMISSIONS GRADEMARK CERTIFICATION PROGRAM

Uniboard fulfills the requirements of EPA TSCA Title VI (40 CFR 770) and/or CARB 2, CAN/CSA-0160-16, ANSI A208.1 and California Air Resources Board (CARB) Airborne Toxic Control Measures (ATCM) 93120.



ECO-CERTIFIED COMPOSITE (ECC) CERTIFICATION

FSC® CERTIFICATION

Uniboard is FSC® (Forest Stewardship Council®) certified for chain of custody by the Rainforest Alliance. FSC® certified panels are available upon request.



LEED® CONTRIBUTION

Please refer to our Documentation Center at www.uniboard.com for current information regarding sustainable development and LEED point credits.



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www.uniboard.com

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