



# mdf EXCEL+ MR10



## PRODUCT DESCRIPTION

Uniboard® MDF Excel+ is produced using super refining and the latest in sanding and cutting technologies. Unmatched in terms of performance and flexibility, MDF Excel+ has a superior surface quality, uniform density, precisely controlled thicknesses and sanding smoothness, making it perfect for projects requiring deep machining and routing.

Uniboard MDF Excel+ complies with MR10 24-hour submersion testing for moisture resistance and exceeds ANSI A208.2-2016 MR10 requirements for thickness swell.

Uniboard MDF Excel+ is offered in lift quantities in a standard North American panel size, and is designed for easy handling. Alternative sizes and FSC® certified panels are also available. Excel+ panels are standard to 150 grits. Grit 180 is also available upon request.

Uniboard MDF Excel+ is produced at our world-class MDF mill located in Mont-Laurier, Quebec, and is part of Uniboard's high-performance MDF product range.



## IDEAL APPLICATIONS

Uniboard MDF is excellent for applications such as:

- Cabinetry components such as doors
- Mouldings
- Millwork
- Slatwall



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[www.uniboard.com](http://www.uniboard.com)

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Sales: 1-800-263-5240





# mdf EXCEL+ TECHNICAL SPECIFICATIONS<sup>1</sup>

PROPERTIES	TYPICAL VALUE <sup>2</sup>		ANSI A208.2-2016 (GRADE 155)	
	Metric	Imperial	Metric	Imperial
Internal Bond	1.1 N/mm <sup>2</sup>	159 psi	0.81 N/mm <sup>2</sup>	117 psi
Modulus of Rupture	29 N/mm <sup>2</sup>	4,200 psi	27.9 N/mm <sup>2</sup>	4,050 psi
Modulus of Elasticity	3,688 N/mm <sup>2</sup>	535,000 psi	2,792 N/mm <sup>2</sup>	405,000 psi
Screw Holding, Face (≥ 3/8")	1,480 N	333 lb	1,201 N	270 lb
Screw Holding, Edge (≥ 5/8")	1,530 N	344 lb	1,001 N	225 lb
Moisture Content	4-6%		≤ 9%	
Thickness Swell	Complies with MR10			
Thickness Tolerance - From Specified Thickness	± 0.125 mm	± 0.005 in	± 0.125 mm	± 0.005 in
Thickness Tolerance - From Panel Average	± 0.125 mm	± 0.005 in	± 0.125 mm	± 0.005 in
Length/Width	± 2.0 mm	± 0.080 in	± 2.0 mm	± 0.080 in
Linear Expansion	≤ 0.33%		≤ 0.33%	

<sup>1</sup> Technical specifications are also available for other grades at [uniboard.com](http://uniboard.com)

<sup>2</sup> Typical values measured at the Mont-Laurier mill



## 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.



The mark of responsible forestry

## LEED® CONTRIBUTION

Please refer to our Documenter Center at [www.uniboard.com](http://www.uniboard.com) for current information regarding sustainable development and LEED point credits.



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