

# Excel+® Black mdf



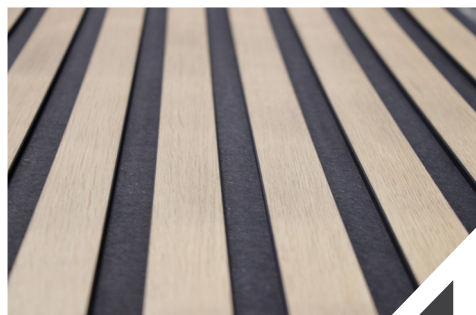
## PRODUCT DESCRIPTION

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

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

Uniboard Excel+® Black MDF is offered in lift quantities in a standard North American panel size, and is designed for easy handling.

Uniboard Excel+® Black MDF 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
- Decorative panels
- Residential and commercial millwork
- Slatwall
- Store Fixtures

NEED MORE  
INFORMATION?

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

Customer Service: 1-877-864-8641  
Sales: 1-800-263-5240

redefining wood®

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

Properties	Typical Value <sup>2</sup>		ANSI A208.2 (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 CANFER.



## ECO-CERTIFIED COMPOSITE (ECC) CERTIFICATION

## FSC® CERTIFICATION

Uniboard is FSC® (Forest Stewardship Council®) certified for chain of custody by the Preferred by Nature.

FSC® certified panels are available upon request.



## LEED® CONTRIBUTION

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



Please refer to [uniboard.com](http://uniboard.com) for current information regarding certifications, full environmental data sheets and green rating system contributions. Although the information in this document is presented in good faith and believed to be correct, Uniboard makes no representations or warranties as to the completeness or accuracy of the information. Uniboard shall have no liability for any errors or omissions contained therein or for any consequences of same.

NEED MORE  
INFORMATION?

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

Customer Service: 1-877-864-8641  
Sales: 1-800-263-5240

redefining wood®