

# 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

Proudly Distributed By



- US: 888-826-5528
- CAN: 844-365-6995
- [hardwoods-inc.com](http://hardwoods-inc.com)

# 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.



## 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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