

# NU GREEN MR50®

NAF - MDF



## PRODUCT DESCRIPTION

Uniboard® NU Green MR50 NAF MDF is our most eco-friendly moisture resistant solution created with a high-quality, NAF medium density fibreboard.

Uniboard NU Green MR50 is ideal for all interior, non-structural applications where periodic humidity exposure is a factor. This environmentally-friendly product contains 100% recycled and recovered wood pre-consumer fibre.

Uniboard NU Green MR50 is available in North American standard sizes and five thicknesses and is designed with the same specifications as the Excel+ grade MDF with the same quality and uniform density that has become synonymous with Uniboard standards of excellence. It features a smooth surface ideal for shaping, machining, laminating and painting or lacquering. NU Green MR50 panels are sanded to 150 grits.

Uniboard NU Green MR50 is manufactured at our world-class MDF mill located in Mont-Laurier, Quebec.



## IDEAL APPLICATIONS

Uniboard NU Green MR50 is excellent for applications such as:

- Kitchens
- Bathrooms
- Laundry rooms
- Schools
- Laboratories
- Window boards
- Healthcare establishments

# NU GREEN MR50<sup>®</sup> TECHNICAL SPECIFICATIONS <sup>1</sup>

PROPERTIES	TYPICAL VALUE <sup>2</sup>				ANSI A208.2-2016 (GRADE 155)	
	< 15 mm		≥ 15 mm		Metric	Imperial
	Metric	Imperial	Metric	Imperial		
Internal Bond	1.2 N/mm <sup>2</sup>	174 psi	1.0 N/mm <sup>2</sup>	145 psi	0.81 N/mm <sup>2</sup>	117 psi
Modulus of Rupture	39 N/mm <sup>2</sup>	5,650 psi	32.4 N/mm <sup>2</sup>	4,700 psi	27.9 N/mm <sup>2</sup>	4,050 psi
Modulus of Elasticity	3,750 N/mm <sup>2</sup>	543,900 psi	3,350 N/mm <sup>2</sup>	485,900 psi	2,792 N/mm <sup>2</sup>	405,000 psi
Screw Holding, Face (≥ 3/8")			1,327 N	298 lb	1,201 N	270 lb
Screw Holding, Edge (≥ 5/8")			1,160 N	261 lb	1,001 N	225 lb
Moisture Content	4-6%		4-6%		≤ 9%	
Thickness Swell	Complies with MR10*					
Accelerated Aging Cycles	Complies with MR30*					
Formaldehyde Emissions	≤ 0.02 ppm					
Thickness Tolerance - From Specified Thickness	± 0.125 mm	± 0.005 in	± 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	± 0.125 mm	± 0.005 in
Length/Width	± 2.0 mm	± 0.080 in	± 2.0 mm	± 0.080 in	± 2.0 mm	± 0.080 in
Linear Expansion	≤ 0.33%		≤ 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.



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.