

# 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

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

<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 for NAF/ULEF requirements.



### ECO-CERTIFIED COMPOSITE (ECC) CERTIFICATION



Certified to CAN/CSA 0160

### 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

Can help you achieve up to 2 LEED® points, based on the LEED 2009 Credits:

- Indoor Environmental Quality: IEQ 4.4
- Materials and Resources MR 4.1, MR 4.2, MR 5.2 and MR 7



The mark of responsible forestry

Can help you achieve up to 2 LEED points, based on the LEED v4 Credits:

- Materials and Resources: Building Product Disclosure and Optimization — Sourcing of Raw Materials
  - Incorporating pre-consumer recycled material
  - Use of materials that are extracted and manufactured within the project region



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