NU GREEN® FR mdf

FIRE-RATED

PRODUCT DESCRIPTION

Uniboard® NU Green FR MDF is an engineered wood product that uses a special chemical system to achieve a Class A / Class 1 fire rated panel. NU Green FR MDF is designed for interior use in residential, commercial and institutional applications, where a non-structural panel is required.

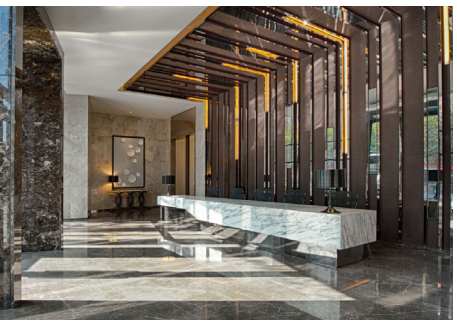
For Surface Burning Characteristics of Building Materials, this product meets:

ASTM E-84 – Class A / Class 1
Flame Spread Index : 0-25
Smoke Development Index: 450 Maximum

CAN/ULC-S102-10 *contains no performance criteria of its own. The National Building Code of Canada (NBCC) or other jurisdictional documentation should be referenced to determine the FSR and/or SDC performance criteria that is applicable to the product for the intended application.*

For easy handling, NU Green FR MDF is offered in lift quantities in a multitude of standard North American panel sizes. This product is available as raw panels or with Uniboard's award winning TFL color collection. A specially formulated red dye has been added to NU Green FR MDF to distinguish it as an FR panel. Uniboard NU Green FR MDF panels are sanded to 150 grits.

With 100% pre-consumer recycled wood content, NU Green FR MDF is excellent for veneering, painting, cutting, and routing applications. This product is FSC® certified and meets NAF emission standards.



IDEAL APPLICATIONS

Uniboard NU Green FR MDF is excellent for commercial and institutional non-structural applications such as:

- Retail and commercial spaces
- Public areas subject to fire regulations
- Interior design
- Wall partitions
- Kiosk or stand displays
- Cabinetry
- Furniture components

NEED MORE INFORMATION?

www.uniboard.com

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Sales: 1-800-263-5240

NU GREEN® FR mdf TECHNICAL SPECIFICATIONS [1]

UNIBOARD®

PROPERTIES	TYPICAL VALUE [2]		ANSI A208.2-2016 (GRADE 130)	
	Metric	Imperial	Metric	Imperial
Density	760 kg/m^3	47.4 lb/ft^3	-	
Internal Bond	0.8 MPa	116 psi	0.54 MPa	78 psi
Modulus of Rupture	24.0 MPa	3,481 psi	21.6 MPa	3,130 psi
Modulus of Elasticity	3,200 MPa	464,121 psi	2,160 MPa	313,000 psi
Screw Holding, Face (≥ 3/8")	1,200 N	270 lb	988 N	222 lb
Screw Holding, Edge (≥ 5/8")	950 N	214 lb	787 N	177 lb
Moisture Content	4 - 6%		≤ 9%	

Thickness Tolerance:	Metric	Imperial
from specified thickness	± 0.125 mm	± 0.005 in
from panel average	± 0.125 mm	± 0.005 in
Length/Width	± 2.0 mm	± 0.080 in
Linear Expansion	≤ 0.33%	
Flame Spread	Class A	
Smoke Development	Class A	
Thickness Swell	MR10	
Formaldehyde Emissions	NAF	

[1] Technical specifications are also available for other grades at uniboard.com

[2] Typical values measured at the Mont-Laurier mill

Some laminates and coatings applied to NU Green FR MDF may alter the flame spread rating. Some wood veneers and other laminates may have a reaction (including discolouration) to surface coatings and finishes, glues, temperatures, moisture, etc :the compatibility of any adhesive, wood veneers and other laminates should be confirmed with NU Green FR MDF prior to use. Uniboard is not responsible for discolouration or for any claims associated thereto. Ensure NU Green FR MDF is used in compliance with all applicable building codes. For more information, please contact your Sales Representative.

EPA

CARB COMPLIANT

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

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.

SUSTAINABLE USE OF WOOD FIBER ECO-CERTIFIED

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

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

FSC www.fsc.org FSC® C002807 The mark of responsible forestry

LEED® RESOURCE