

up to 6 LEED points

NU GREENTMzero
NAUF - Particleboard



The greenest solution available on the market

- NAUF (No Added Urea Formaldehyde)
- ULEF certified (Less than 0.02 ppm)
- Exceeds CARB Phase 2 emission standards
- FSC and EPP certified
- Made from 100% recycled and recovered wood fiber (pre-consumer)
- Passes the 6 Cycle Accelerated Aging Test (MR30)
- Can help you achieve up to 6 LEED points



CARB
COMPLIANT

Setting the standard



 **UNIBOARD**TM

OBTAIN UP TO 6 LEED POINTS

NU GreenTM zero NAUF particleboard can potentially contribute to achieving Leadership in Energy & Environmental Design (LEED)

Category	Intent	Requirements	Credits & points	NU Green TM zero NAUF particleboard
INDOOR ENVIRONMENTAL QUALITY IEQ 4.4	Improve indoor air quality.	Composite wood products must contain no added urea formaldehyde resins.	1 point	NU Green TM zero NAUF particleboard has no urea formaldehyde resins during the manufacturing process.
MATERIALS AND RESOURCES MR 4.1	Increase the use of products that incorporate recycled content material.	Sum of recycled content constitutes at least 10% of materials in the project.	1 point	NU Green TM zero NAUF particleboard is EPP certified, 100% recycled and recovered wood fiber (pre-consumer).
MATERIALS AND RESOURCES MR 4.2	Increase the use of products that incorporate recycled content material.	Sum of recycled content constitutes at least 20% of materials in the project.	1 point in addition to MR 4.1	NU Green TM zero NAUF particleboard is EPP certified, 100% recycled and recovered wood fiber (pre-consumer).
MATERIALS AND RESOURCES MR 5.1	Increase the use of materials that are extracted and manufactured within the project region.	Use a minimum of 20% of the combined value of construction materials and products manufactured within a 500-mile radius of the project.	1 point	NU Green TM zero NAUF particleboard is manufactured at our Sayabec mill in Quebec, Canada and may contribute to points based on the proximity of the project.
MATERIALS AND RESOURCES MR 5.2	Increase the use of materials that are extracted and manufactured within the project region.	In addition to requirements of MR 5.1, use a minimum of 10% of the combined value of construction materials and products extracted, harvested or recovered, as well as manufactured within a 500-mile radius of the project.	1 point	NU Green TM zero NAUF particleboard wood fiber is recovered locally from sources near our manufacturing facility and may contribute to points based on the proximity of the project.
MATERIALS AND RESOURCES MR 7	Encourage environmentally responsible forest management.	Use a minimum of 50% of wood-based materials and products that are certified in accordance with the Forest Stewardship Council (FSC) Principles and Criteria, for wood building components. These components include, but are not limited to, structural framing and general dimensional framing, flooring, sub-flooring, wood doors and finishes. Only include materials permanently installed in the project. Furniture may be included, providing it is included consistently in MR Credits 3-7.	1 point	NU Green TM zero NAUF particleboard is FSC certified, chain-of-custody certification SW-COC-002726.

Setting the standard... in sustainability

Why is NU Green™ zero NAUF particleboard beneficial to the environment?

NU Green™ zero NAUF particleboard is FSC certified (Forest Stewardship Council) and EPP certified (Environmentally Preferred Product by the Composite Panel Association [CPA]). It contains 100% recycled and recovered wood fiber (pre-consumer), which saves trees. It is especially suitable for interior applications where moisture is a concern. It passes the 6 Cycle Accelerated Aging Test (MR30).

We manufacture NU Green™ zero NAUF particleboard using a process whereby no urea formaldehyde is added. The result is a product that is environmentally friendly and exceeds the standards of CARB Phase 2. Urea formaldehyde emissions are no greater than levels occurring in outdoor ambient air conditions.

NU Green™ zero NAUF particleboard can help you achieve up to six LEED points (see table).

NU Green™ zero NAUF particleboard can be ordered in the industry's largest selection of sizes and thicknesses. We added a touch of green dye to the core of the NU Green™ zero NAUF particleboard so that it may be easily recognized.

NU Green™ zero NAUF particleboard is manufactured with the same standards as our other panels, so you benefit from the same quality and product consistency that has become synonymous with Uniboard.

All NU Green™ zero NAUF particleboard is available through our extensive network of distributors, making it readily available in all major markets.

NU Green™ zero NAUF particleboard is available in our full collection of melamine colours.

Due to the phenolic resin binding system used to manufacture NU Green™ zero NAUF particleboard; cutting, drilling, routing and glueing procedures may differ from those used with standard particleboard.

Although generally unproblematic, we recommend that you test NU Green™ zero NAUF particleboard prior to full-scale production.

For further details, please consult the NU Green™ section of our website at www.uniboard.com.



GRADE M-2

Technical Specifications

Properties	ANSI A208.1-2009 (Grade M-2)	
	Metric	Imperial
Moisture content	Max. 10%	
Density range	n/a	
Thickness tolerance Between panels Within panels	± 0.200 mm ± 0.100 mm	± 0.008" ± 0.004"
Modulus of rupture	13.0 N/mm ²	1,885 psi
Modulus of elasticity	2,000 N/mm ²	290,100 psi
Internal bond	0.40 N/mm ²	58 psi
Linear expansion	< 0.40%	
Screw holding Face Core	900 N 800 N	202 lb 180 lb
Formaldehyde emissions	≤ 0.18 ppm (CARB 1) NU Green™ zero NAUF particleboard exceeds CARB Phase 2 (0.02 ppm)	
Length-Width	± 2.0 mm	± 0.080"

NU Green™ zero NAUF particleboard is available in our extensive collection of melamine colours.



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