UNIBOARD®

NEXOS
EXTERIOR PANELS

The BEST solution for outdoor projects.

✓ **10-Year Warranty**

PRODUCT DESCRIPTION

Uniboard®'s Nexos Exterior Panels are our most innovative panel solution engineered for exterior applications, created using 100% recycled and recovered pre-consumer wood fiber. Our comprehensive knowledge of resin technology led us to develop an innovative manufacturing process and high-quality components, resulting in a product that offers superior performance for exterior projects.

Nexos Exterior Panels are incredibly easy to work with and can be cut, routed and machined to various specifications. Designed and produced with proprietary technical properties that resist moisture, Nexos is ideal for use outside where the panels are not directly on the ground.

Uniboard Nexos Exterior Panels are available in North American standard sizes and thicknesses with the same quality and uniformity that has become synonymous with Uniboard's standards of excellence.

Nexos Exterior Panels are manufactured at our world-class mill located in Mont-Laurier, Quebec.

Excellent moisture resistance as measured by ASTM D1037 for Water Absorption and Thickness Swell

Excellent performance on Machinability and Paintability

Made from sustainable materials with no added formaldehyde (NAF)

IDEAL APPLICATIONS

Uniboard Nexos Exterior Panels are excellent for non-structural and paint-grade applications such as:

- ❯ Exterior columns
- ❯ Exterior moldings, trims
- ❯ Outdoor kitchens
- ❯ Countertops
- ❯ Exterior Signs
- ❯ Garage doors
- ❯ Non-structural paint-grade millwork
- ❯ Shutters
- ❯ Exterior and Interior high-humidity applications

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TECHNICAL SPECIFICATIONS[1]

Properties	Typical Value[2]	
	Metric	Imperial
Density	730 kg/m³	46 lb/ft³
Internal bond	0.9 N/mm²	130 psi
Modulus of rupture	30.0 N/mm²	4,400 psi
Modulus of elasticity	3,200 N/mm²	465,000 psi
Moisture content	4-6%	
Thickness swell	≤ 3.5%	
Water absorption	≤ 8%	
Advanced bond integrity	Tested according to ASTM D1037-12, section 7	
Formaldehyde emissions	≤ 0.02 ppm	
Thickness tolerance - from specified thickness	± 0.125 mm	± 0.005 in
Thickness tolerance - from panel average	± 0.125 mm	± 0.005 in
Length/Width	± 2.0 mm	± 0.080 in
Linear expansion	≤ 0.33%	

PRODUCT MATRIX

Thickness	1/2″	5/8″	11/16″	3/4″
Panel size available	4′ X 8′	4′ X 8′	4′ X 8′	4′ X 8′ and 5′x 8′

Passes the 6 Cycle Accelerated Aging and 24-hour Water Submersion Tests
Nexos Exterior Panels conform to the ASTM E84 Standard, Class III / Class C whereby the flame spread index is between 76 and 200

[1] Technical specifications are also available for other grades at uniboard.com.
[2] Typical values measured at the Mont-Laurier mill.

TSCA TITLE VI COMPLIANT

SUSTAINABLE USE OF WOOD FIBER — ECO-CERTIFIED — ECC Standard 4.19 — MILL #209

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

LEED® RESOURCE

NAF No Added Formaldehyde

CARB COMPLIANT

USDA CERTIFIED BIOBASED PRODUCT 100%

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 Preferred by Nature.
FSC® certified panels are available upon request.

LEED® **CONTRIBUTION**
Please refer to our Documentation Center at www.uniboard.com for current information regarding sustainable development and LEED point credits.

Please refer to uniboard.com for current information regarding certifications, full environmental data sheets and green rating system contributions. 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.