NEXOS
EXTERIOR PANELS

The BEST solution for outdoor projects.

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 millwork
- Outdoor kitchen components
- Baseboards
- Exterior signs
- Other architectural components

NEED MORE INFORMATION?

www.uniboard.com

Head Office
5555 Ernest-Cormier Street
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Customer Service: 1-877-864-8641
Sales: 1-800-263-5240

NEXOS EXTERIOR PANELS TECHNICAL SPECIFICATIONS[1]

UNIBOARD®

PROPERTIES	TYPICAL VALUE[2]	
	Metric	Imperial
Density	730 kg/m^3	46 lb/ft^3
Internal Bond	0.9 N/mm^2	130 psi
Modulus of Rupture	30.0 N/mm^2	4,400 psi
Modulus of Elasticity	3,200 N/mm^2	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%	

Passes the 6 Cycle Accelerated Aging and 24-hour Water Submersion Tests
Nexos Exterior Panels with no added formaldehyde meet the requirements of ANSI A208.2-2016/ANSI 135.6, ECC 4-11, CARB ATCM 93120 and are available as FSC® certified
Nexos Exterior Panels are produced with No Added Formaldehyde (NAF) and exceed CARB phase 2 standards
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 products at uniboard.com.
[2] Typical values measured at the Mont-Laurier mill.

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′

TSCA TITLE VI COMPLIANT

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 for NAF/ULEF requirements.

ECO-CERTIFIED COMPOSITE (ECC) CERTIFICATION

NAF
No Added Formaldehyde

FSC® CERTIFICATION

Uniboard is FSC® (Forest Stewardship Council®) certified for chain of custody by the Rainforest Alliance.

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

LEED® CONTRIBUTION

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

LEED® RESOURCE

Nexos Exterior Panels must be primed or painted before being used outside. Adhesives or laminates may be used to affix other materials to Nexos Exterior Panels. Uniboard® Canada Inc. cannot guarantee the performance or compatibility of any adhesives, primers or other finishing materials used in conjunction with Nexos Exterior Panels. Fitness of all materials and their end use are the responsibility of the end user. Uniboard Canada Inc. is not responsible for the compatibility or functionality of primers, paints, adhesives, or any other treatment of Nexos Exterior Panels or the resulting use thereof. Ground contact is not recommended and may damage Nexos Exterior Panels. Each user is responsible for the user's particular use through appropriate end-use testing and analysis.