NEXOS

High Performance Exterior Panels

NAF



Nexos high performance exterior panels are specifically engineered and designed to withstand outdoor elements and intense humidity. This innovative solution maintains its stability, strength, and integrity, even in the most demanding conditions, with Uniboard grade protection.

UNIBOARD®

Experience the luxury of indoor esthetics, outdoors

Nexos high-performance exterior grade panels are designed to deliver durability, moisture resistance and stability wherever they're used. From kitchens and bathrooms to patios and outdoor living spaces, experience the confidence of materials engineered to perform indoors and out.





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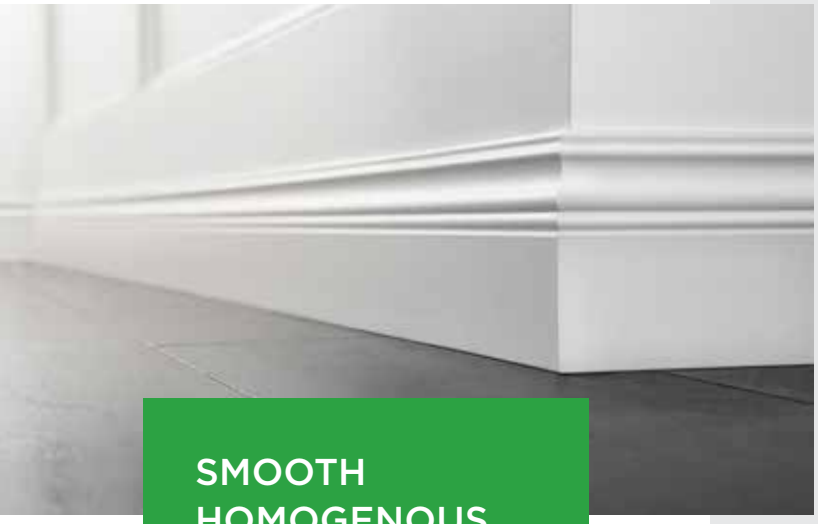


Engineered and Designed for Demanding Conditions

Nexos exterior panels were developed using Uniboard's 45 years of extensive expertise in resin technology and composite panel engineering.

These high-performance panels are:

- Highly resistant to moisture and fluctuating climate conditions.
- Ideal for exterior and interior high moisture environments.
- Engineered for most non-structural and paint-grade applications.



SMOOTH HOMOGENOUS SURFACE MAKES NEXOS PANELS EASY TO PAINT



NEXOS: **Three Key Advantages**



1. MANUFACTURED WITH NORTHERN SOFTWOOD FIBER FOR STRENGTH AND STABILITY

- Easy to prime, paint and laminate.
- Can be cut, routed and machined to various specifications.
- Uniform fiber structure supports consistent priming and finishing for paint-grade projects.

2. CONVENIENT PANEL LENGTHS

- Available in 10’ and 12’ lengths.
- 10’ length minimizes seams for cleaner lines, faster installs, and a more refined finished look.
- 12’ length reduces weight and awkward maneuvering making transport, lifting, and installation more manageable on site.

3. EXCELLENCE BACKED BY 10-YEAR WARRANTY

Backed by a 10-year limited warranty for exterior applications when properly finished.

Custom cutting and priming available

Uniboard offers cut-to-size and priming services for Nexos panels.

TECHNICAL SPECIFICATIONS[1]

Properties	Typical Value[2]	
	Metric	Imperial
Density	730 kg/m^3	46 lb/ft^3
Internal bond	1.1 N/mm^2	160 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 emission	≤ 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

Panel size	1/2”	5/8”	11/16”	3/4”	1”
4’ x 8’ (49” x 97”)	●			●	
4’ x 10’ (49” x 121”)	●	●	●	●	●
4’ x 12’ (49” x 145”)	●	●	●	●	●

Special order sizes and thicknesses available upon request.

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

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.



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A SMARTER, MORE SUSTAINABLE SOLUTION

- Made with no added formaldehyde (NAF).
- Compliant with stringent North American emissions standards.
- Supports greener construction.

Designers, architects, builders and craftspeople can trust that Nexos delivers reliable, exterior-grade performance while supporting LEED certifications and sustainable building practices.

TSCA TITLE VI COMPLIANT

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

LEED® RESOURCE

NAF No Added Formaldehyde

USDA CERTIFIED BIOBASED PRODUCT

CARB COMPLIANT

EPD Environmental Product Declaration

HPD Health Product Declaration

FSC® certified panels are available upon request.

UNIBOARD®

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Samples
www.uniboard.com

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redefining wood®

NEXOS OFFERS RELIABLE PERFORMANCE IN DEMANDING CONDITIONS.

- Exterior columns, moldings and trims
- Outdoor kitchens
- Countertops
- Exterior signs
- Garage doors
- Non-structural paint-grade millwork
- Shutters
- Exterior and interior high-humidity applications
- Window sills and frames
- Door frames

