NEXOS

High Performance Exterior Panels

NAF • MR50

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.

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STANDARDS & CERTIFICATIONS

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

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.

TSCA TITLE VI COMPLIANT

SUSTAINABLE USE OF WOOD FIBER ECO-CERTIFIED

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

IDEAL APPLICATIONS

Uniboard Nexos exterior panels are excellent for non-structural and paint-grade applications such as:

- 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