NEXOS

High Performance Exterior Panels

NAF • MR50



FINISHING AND WARRANTY GUIDELINES

Guidelines for proper storage, handling, cutting, priming and finishing that help to ensure long-lasting performance and appearance.

UNIBOARD®

The Reference in Exterior Panels

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FINISHING & INSTALLATION GUIDELINES:

Product Overview

Nexos Exterior Panels are engineered by Uniboard using advanced resin technology and high-performance wood fiber to deliver durability in exterior and high-humidity environments. Designed for stability and moisture resistance, Nexos is manufactured with no added formaldehyde (NAF) and formulated to resist deterioration caused by moisture exposure.

Important Installation Notes

The following guidelines provide general recommendations for the handling and installation of Nexos. As with all building materials, standard construction best practices should be followed, particularly those related to cabinetry, trim, and exterior applications, and in accordance with local building codes.

As installation conditions can vary widely, it is the responsibility of the installer to determine whether Nexos is suitable for the intended application. Uniboard cannot account for every possible jobsite condition, method of installation, or environmental exposure.

Uniboard assumes no responsibility for issues resulting from improper handling, installation, or use outside of recommended applications. Each project is unique, and it is the installer's responsibility to assess site conditions, confirm compatibility with surrounding materials, and follow appropriate building standards.

For best results, Uniboard recommends that project plans be reviewed by a qualified contractor, architect, or building professional prior to installation.

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Surface Preparation & Finishing

- Panels must be clean, dry, and free of dust, oils or surface contaminants prior to finishing.
- All faces, edges and cut ends must be sealed to protect against moisture absorption.
- Proper priming and painting are required for exterior and high-humidity applications to ensure long-term performance.

Priming & Painting Recommendations

- Nexos readily accepts high-quality exterior-grade primers and coatings formulated for wood-based substrates.
- A minimum primer film thickness of 1.5 mils (dry) is recommended.
- Topcoats should be applied to achieve a total dry-film thickness of 4-4.5 mils, following manufacturer specifications.
- All fasteners, seams, and edges must be properly sealed prior to finishing.

NOTE: Sharp edges and corners should be slightly rounded prior to finishing. Paint naturally thins at sharp edges, which can lead to premature cracking or failure over time.

Performance & Use Considerations

- Nexos is suitable for non-structural exterior and high-humidity applications, including trim, soffits, cabinetry, and architectural features.
- Panels should not be used in load-bearing applications.
- For best results, Nexos should be installed over a solid, well-supported substrate.

Warranty & Responsibility

- Nexos is covered under Uniboard's limited warranty when installed and finished according to published guidelines. Finish performance and coating durability are the responsibility of the installer or finisher.
- Uniboard recommends consulting a licensed architect, engineer, or building official prior to installation where required.

NEXOS

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Storage & Handling

- Keep panels stored flat and supported to maintain their dimensional stability.
- Protect materials from direct exposure to outdoor elements prior to installation.
- If packaging is removed, ensure panels remain clean, dry and free of debris.
- Always inspect material before use and clean surfaces as needed.

Care

- Dust, oils, or residue from handling should be removed prior to priming or painting with a gentle detergent and nylon bristle brush. Always test a small area first.
- Proper surface preparation ensures optimal coating performance and long-term durability.

Cutting & Shaping

- Nexos can be worked using standard woodworking tools.
- For best results, use sharp carbide-tipped blades and bits.
- Smooth, supported cuts reduce edge fraying and ensure clean finishes.
- All exposed edges must be sealed before installation to protect against moisture.
- Use exterior grade caulking on all joints and ensure the joints are primed and painted.

Machining & Tooling

- Nexos can be drilled and routed using standard woodworking tools, similar to those used for solid lumber or hardwood.
- For best results, tools should be sharp, clean, and in good condition to prevent excessive friction or heat buildup during machining.
- Carbide-tipped router bits and cutting tools are recommended to ensure clean, precise edges and consistent results.
- Proper tooling will produce smooth cuts and crisp profiles suitable for paint-grade finishing.

Drilling & Fastening

- Pre-drilling is recommended to reduce material stress and ensure accurate fastening.
- Fastener holes should be countersunk so fastener heads sit flush with the surface.
- All exposed fasteners should be properly sealed to prevent moisture intrusion.
- Like all wood-based products, Nexos will expand and contract with changes in humidity. Proper fastening along the full length of the panel helps minimize movement and maintain stability.

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Adhesives & Bonding

- Nexos may be bonded to other substrates using exterior-grade adhesives.
- Always follow the adhesive manufacturer's application guidelines to ensure compatibility and long-term performance.

Material Behavior

- Nexos is an engineered high performance panel product and behaves similarly to hardwood when machined.
- Care should be taken to manage heat buildup during cutting and drilling to avoid surface damage.
- Proper installation techniques are essential to ensure dimensional stability and long-term performance.

Finishing & Long-Term Performance

- Nexos is designed to accept high-quality exterior coatings.
- A full paint system, including primer and topcoat is required for exterior or high-humidity applications.
- Edges, joints, and cut ends should always be sealed.
- Proper finishing and installation are essential to ensure long-term performance.

Important Usage Notes

- Nexos is intended for non-structural applications.
- Panels should be installed over solid backing for best results.
- Product performance depends on proper handling, installation, and finishing practices.

WARRANTY:

- Uniboard provides a limited warranty of 10 (ten) years on the substrate.
- Uniboard warrants that, under normal use and service and when installed and used in accordance with Uniboard's specifications, Nexos will be of merchantable quality and will substantially conform to the features in our specification sheet.
- If Nexos fails to comply with this warranty, Uniboard will, at its discretion, repair or replace any defective product according to the table below. Repair or replacement is subject to sufficient evidence of the defect having been provided.
- Uniboard shall not be held liable under this warranty if its testing and examination concludes that the alleged defect was nonexistent or was caused by the purchaser's or third party's misuse or mishandling.
- Uniboard's liability under this warranty will not exceed the original purchase price of the Nexos panel only.
- Repaired or replacement panels are covered under warranty for the greater of the remaining original warranty period or 90 days.
- Nexos is moisture resistant, however, ground contact is not recommended as this may damage the panels.

Year 1 (From date of purchase to 1st anniversary)	100%
Year 2	90%
Year 3	80%
Year 4	70%
Year 5	60%
Year 6	50%
Year 7	40%
Year 8	30%
Year 9	20%
Year 10	10%
Year 11+	0%

Excluded:

- Finishing is the responsibility of the end user: Uniboard will not be responsible for the compatibility or functionality of primer, paints, adhesives or any other treatment of the product or the resulting use thereof.
- Normal wear and tear.
- Natural weathering or variations in color or texture.
- Damages caused during delivery or installation.
- Surface cracks that are less than 1/32” width or 1” length.
- Misuse, abuse, failure to store properly before use.
- Lack of or incorrect maintenance.
- Alteration or modification.
- Improper installation.
- Any cause beyond our control (fire, flooding, other acts of nature).
- Problems related to the finishing of all of the exposed surfaces and edges of the product
- Problems related to warping and installation for a purpose, which exceeds standards of product design or building codes.
- Hardware or accessories used on the product.
- Labor, removal or disposal of defective products or installation of replacement or repaired product.
- Freight, taxes or other charges incurred in relation to a defective product.
- Incidental or consequential damages.

UNIBOARD MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE PRODUCT AND ALL OTHER WARRANTIES ARE EXPRESSLY AND SPECIFICALLY EXCLUDED AND DISCLAIMED.

Some provinces or states do not allow the exclusion or limitation of implied warranties, or consequential damages, so the above limitation may not apply to you. No sales representative or distributor has any authority to establish, expand or otherwise modify this warranty.

How to make a claim:

Contact your distributor or retailer as soon as the defect in the product is discovered. Your claim must be supported by proof of purchase including the date of purchase, photos and a description of the affected product. If your claim is accepted, the repair or replacement panel, as elected by Uniboard, will be provided in the same specification as the original product.

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ENGINEERED TO ENDURE.
PROVEN TO PERFORM.

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