

## Exterior Architectural Panels



### Nudo Endurex™ Installation Guidelines

*Please Read Disclaimers:*

**PLEASE READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION!!**

These guidelines are provided in good faith to help prevent any problems caused by common errors in installation. The manufacturer and/or distributor of this product shall not be held responsible for installation actions taken or not taken. There are many details of installation that are assumed to be general construction knowledge to experienced installers, which are not included in these instructions. These installation guidelines are intended to be strictly recommendations and are NOT to serve as a step-by-step, fail-safe installation checklist. Selection of an experienced installer is the sole responsibility of the project owner and architect.

Nudo Products, Inc. does not accept any responsibility for job failure resulting from or associated with improper site environmental conditions.

**Inspection:** Upon delivery carefully inspect all cartons, packages, pallets, and protective wrap for damage or shortage. Open and inspect suspect packages, cartons or wrapped pallets for damage. Contact shipper immediately to report any damaged or missing materials. Failure to do so shall be at the sole risk of the installer. If defective materials are discovered, notify Nudo @ 800-826-4132 immediately (24 hours of receipt of panels). Failure to do so shall be at the sole risk of the installer.

**Uses & Applications:** Nudo Endurex panels are factory laminated panels that are to be used in a framing system. The panels are to be used in glazing channels or similar extrusions. It is important that all four edges be sealed within the channel to maintain factory warranty. This includes protection within the channel from condensation build-up. All Endurex panels should be installed within the parameters of local building and fire codes.

**Safety Instructions:** When cutting or drilling, always wear protective glasses or goggles and a face mask which covers the face and mouth. Itching due to fibers may be avoided by the use of barrier creams on exposed skin areas.

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**Prior to Installation:** Carefully inspect all Nudo Endurex panels prior to installation. If panels are defective, notify Nudo Customer Service at 800.826.4132. Failure to do so shall be at the sole risk of the installer. Panel should be checked for excessive pitting, telegraphing core materials, and delamination. Panels may also vary in color, consistency, and tone. These variations are not to be considered defects. Make sure that all exposed edges and penetrations are sealed with silicone sealant. Before installing, remove packaging materials, but Do Not Remove the protective sheet on face of panels.

#### **Installation Reminders:**

1. Follow safety and fire guidelines during installation and use of panels. Compliance with local building codes is recommended.
2. If the interior of the panel is within a wall cavity, use at least a 6-mil vapor barrier between the wall and the panel.
3. Be sure all panels are cut to proper size before installing in the channel. Follow all safety and cutting instructions.

**Note:** Use protective eyewear such as goggles or safety glasses, cover your nose and mouth with a filter mask when cutting Endurex 300 or 500 Series panels. Always position the panel so the saw blades enter the exterior side first to avoid chipping and damage. Cutting: Use a 72-tooth circular saw with a carbide tipped blade.

4. The panel face is covered with a protective film. The film should be pulled back from the edges approximately 6" before installing the panel into the framing or channel.
5. The panel should be installed on setting blocks to keep moisture away from the bottom edges. Setting blocks should be sized properly for the width of the panel. The length of the blocks should be approximately 2" long and allowing ¼" around the panel outer edges for panel expansion.
6. Use only construction grade glazing sealants and adhesives. Typical sealants include Dow 795, GE SilGlaze, and Tremco Pro-Glaze. Fill channels or extrusions with sealant prior to inserting the panels to be sure all panel edges are covered. Enough sealant should be used to allow for some excess pushed out on both sides of the panel. Remove excess sealant.
7. Using either a watertight sealing gasket or wet sealant glazing compound to insure panel is completely sealed within the frame or extrusion.
8. Be sure all protective film is removed from the faces of the panel.

**Note:** Nudo Endurex panels are used in a wide variety of both internal and external applications. The above instructions pertain to the most common Endurex applications. These applications include panels as a replacement for glass or in conjunction with glass within a framing system, for curtain walls, for storefronts or as a veneer panel within a framing system. Use of Endurex panels for any other application without proper edge protection will void warranty. Failure to follow the above installation procedures will also void all warranties.

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**Finish Work:** Remove all adhesive residues, cleaning panels thoroughly with warm water, a non-abrasive detergent and cloth. For cleaning with solvent based adhesive, use mineral spirits to remove residue. Installation should begin and end in an inside corner wherever possible.

**Cleaning Instructions:** Nudo Endurex panels are designed for minimum care and maintenance. When cleaning panels they should be washed with a light detergent. Panels may also be cleaning with steam, high pressure sprayers that are properly operated (following manufacture's guidelines) or soap and water. A 5% or 10% Tri Sodium Phosphate water solutions may also be used to clean panels. Rinse thoroughly after applying. Hard water deposits may be cleaned with a 10% solution of Acetic Acid in cold water. Rinse thoroughly after applying. It is strongly recommended not to use abrasive cleaners when cleaning panels. Adhesive can be removed from panels surface by using mineral spirits or equivalent solvent-based cleaners.

