

NyloPorch® Installation Guidelines

Thank-you for choosing NyloPorch porch products, please take a few minutes and read the following installation guidelines along with the NyloPorch Care and Maintenance Guidelines before beginning your project.

Sizes and Colors

- NyloPorch is 15/16" x 3-1/8" (face width) and is available in 12' and 16' lengths.
- NyloPorch is available in (6) beautiful, natural looking colors; Desert Spice, Saddle Rose, Mountain Mocha, Newport White, Harbor Gray, and Coastal Mist.
- NyloPorch Fascia is 1/2" x 7-1/4" and 11-1/4" x 12' and is available in the same attractive colors to cover your porch's framing and for use as stair risers.

Quick Start

- Plan your porch's design to maximize the enjoyment of your new porch.
 - Consult a Licensed Professional Deck or Porch Contractor, Architect, Engineer, or Local Code Official before beginning your porch project.
 - Consider whether you plan to use heavy items on your porch now or in the future.
 - Hot tubs, outdoor kitchens, fireplaces, etc.
 - Review railing manufacturer installation instructions before beginning your project.
 - There are many high quality railing systems that compliment NyloPorch.
 - Fire and excessive heat from grills, fire pits, and Low-E glass can damage your porch's surface.
 - Additional precautions should be taken when designing, installing, and using these items to prevent damage from direct flame exposure and excessive radiated or reflected heat.
- Use white chalk. Do not use high permanence chalk which may discolor your porch.
- Maintain a clean work site; do not allow construction debris and dirt to sit on the board.
- Ensure adequate ventilation under your porch to allow framing and the surface under your porch to remain as dry as possible.
- Ensure surface under your porch has sufficient grade and drainage to prevent standing water.
- Roof runoff, downspouts and splash guards must be directed away from the porch surface and substructure.
- Slope porch away from the home a minimum of 1/4" per foot to improve water run-off.
- NyloPorch is a unique extremely rigid material. Do not heat NyloPorch to bend into curved shapes as this method does not work. Use NyloPorch Fascia to dress up curved porch edges.
- NyloPorch should not be used for structural applications, or column or railing supports.
- The substructure of your porch must be code compliant.
- Failure to follow installation guidelines can void your warranty.

Job Site Storage

- Do not drop units off delivery truck.
- NyloPorch must be supported with battens in a level plane.
- Place supports at either end of the stack and every 24" in between, lined up vertically.
- To keep your NyloPorch clean, it is recommended that the material be covered until installation.

Safety

- As with any construction project wear appropriate protective clothing and safety equipment.
 - It is recommended that you wear gloves, safety glasses, hearing protection, dust mask, and long sleeves particularly when using saws or working in confined spaces.
 - NyloPorch contains (2) thin layers of e-glass for superior structural performance.
- Follow all local building codes and regulations.

Tools

- Use only high quality carbide-tipped blades in your circular saw, miter saw, and router.

Installation

- Part of the beauty of NyloPorch is the variation in color and wood grain pattern. Before attaching the boards, lay them out to achieve your desired look.
- The wood grain side of NyloPorch is to be used as the walking surface of your porch.
- Maximum board overhang is 1-1/2" beyond the fascia board or porch frame.
- Ensure flashing has been properly installed before attaching porch boards.
- **Framing**
 - Follow local building codes and best practices for your porch framing construction. The substructure of your porch must be code compliant.
 - NyloPorch should not be used for structural applications, or column or railing supports.
 - Check your local building codes and regulations for proper joist sizing.
 - NyloPorch boards must span a minimum of (3) joists.
 - NyloPorch may be installed on joists spaced up to 16" on center.
 - When installing hot tubs, fire pits and other heavy items, additional framing and code compliance may be required.
 - Always consult with a local engineer, code official, and the item's manufacturer for installation, framing, radiant heat protection, and code requirements.
 - Add an additional joist or blocking where butt joints occur over a single joist.
 - Slope porch away from the home a minimum of 1/4" per foot to improve water run-off.
- **Diagonal Patterns**
 - When installing porch diagonally, the maximum joist spacing is 12" on center.
 - Do not exceed 45° when using 12" joist spacing.

- **Cutting and Ripping Boards**

- When end cuts and field routed edges will be visible after the porch is completed, you may use touch up paint for aesthetic reasons and to provide UV protection. It is not necessary for structural performance.
 - Visit http://www.nyloboard.com/Portals/20/NyloDeck_TouchUp_Colors.pdf for colors.
 - BEHR® Premium® Solid Color Weather Proofing Wood Stain
 - Sherwin Williams DeckScapes®
- To preserve the strength of NyloPorch, do not route the top walking surface or bottom surface of the board.

- **Fasteners**

- Use a minimum of a #7 x 2" stainless steel screw for installing porch boards. For installations near saltwater areas use 316 stainless steel fasteners.
- NOTE: Due to its exceptional properties, a number of high quality fasteners will work with NyloPorch.
- Follow fastener manufacturer installation guidelines and coastal area recommendations.
- For surface screws use color matched screws on the NyloDeck Fastener selector.
- You may choose to cut the tongue off the first board if it will be visible after installation.
- Surface installed screws for starter boards should be installed a minimum of 3/4" from the board ends and sides.
- Screws should be installed through the tongue at a 45° angle and seated 1/16" into the surface.
- Make sure the tongue and groove area is free of dirt and debris.
- Ensure boards are tight to the joist. Boards should be pulled tight against each other to provide a uniform top seam.
- Add an additional joist or blocking where butt joints occur over a single joist.
 - Use fasteners on both sides of the butt joint.
 - Stagger butt joints so they don't all occur over the same joist

NyloPorch Fascia

- NyloPorch Fascia is an attractive way to dress up your porch. It is a non-structural covering for use on exposed porch joists, stair risers, and stringers to provide a beautiful finish to your porch.
- NyloPorch Fascia is 1/2" x 7-1/4" and 11-1/4" x 12' and is available in all (6) NyloPorch colors.
- When using full width, install a screw 2-1/2" from the top and bottom every 16".
- Screws should be installed a minimum of 3/4" from the board end.
- Drive the screw flush to the surface and be careful not to over-torque.
- For best results use a color matched screw and keep the screws lined up.
- Work from one end of the board to the other to keep it flat during installation.

Heat Sources

- NyloPorch as well as many other building materials can potentially be damaged by sources of excessive heat, fire, reflected light and reflected heat, such as grills, Low-E glass, fireplaces and fire pits. Consult with the manufacturer of these items before designing, installing, and using these items for methods to prevent damage.

Care and Maintenance

- NyloPorch is designed to provide years of enjoyment. For detailed instructions on the proper care and maintenance of NyloPorch please visit www.NyloBoard.com.

Limited Warranty

- NyloPorch is covered by either a 25 Year Residential or 10 Year Commercial Limited Warranty and either a 25 Year Residential or 10 Year Commercial Limited Fade and Stain Warranty. For details and to register your limited warranty, please visit www.NyloBoard.com.

To make sure you have the most up to date copy of the NyloPorch installation guidelines, please visit www.NyloBoard.com. The effective date for this document is January 1, 2014.