

Fiberon PVC Outdoor Flooring is installed with the same skills and tools as natural wood but there are some important differences that must be maintained. Familiarize yourself with these instructions before installation.

Decking Storage prior to Installation

Prior to installation material should be stored on a flat surface, supported every 24" and covered if original packaging is removed.

Recommended Applications

Fiberon Outdoor Flooring is intended for residential installations on sun decks, pool decks, docks, boardwalks, ocean walks and similar applications. Fiberon Outdoor Flooring cannot anticipate every possible installation and recommends that you consult an engineer, architect and/or building code official in your area to make sure that your design meets all applicable local codes.

Installation Tools

Fiberon Outdoor Flooring is easily installed with the same tools used for lumber. Carbide tipped blades and bits are recommended for best results.

Fasteners

Fiberon Outdoor Flooring must be properly fastened to manage normal expansion and contraction. Surface fastening is best accomplished with finish head stainless steel screws, minimum #7 gauge, 2-1/4" long, with a 17° thread pitch. Install perpendicular to deck surface, not at an angle. Position screws no closer than 1/2" from board edges or board ends, using two screws in every joist. Fiberon Outdoor Flooring does not "mushroom" and requires no pre-drilling unless installation temperatures fall below 25° F. Any use of unapproved fasteners, including biscuits or nails, may lead to product failure and will void the product warranty.

Fascia Fastening

Fascia is intended as a non-structural covering for rim joists, stair risers and stringers. Fascia is fastened with a combination of screws and high quality urethane/acrylic construction adhesive to prevent thermal buckling. Apply a zigzag bead of adhesive to the entire length of the back (smooth side) of the board, within two inches of the edges and ends. Install all fascia grain side out with grain peaks pointing in the same direction for visual consistency. Screws should be installed at a maximum 16" interval, three screws across the face. Do not overtighten screws as buckling may result. Install with no gap between edges and ends in temperatures above 50° F. Leave 1/8" gap between edges and ends in temperatures below 50° F.

Managing Expansion and Contraction

Fiberon Outdoor Flooring will exhibit less expansion and contraction with temperature changes than most other decking products; but to avoid buckling, it is important to manage these forces through proper installation. This is the major difference

you will find when installing Fiberon Outdoor Flooring. Follow these simple procedures and you will have a satisfactory installation:

Do not layout or cut boards until you are ready to install them. This will ensure that measured dimensions haven't changed with overnight or other temperature swings.

During warm weather (70° F and above), board ends must be butted tightly together before fastening with two screws on each joist. At temperatures below 70° F and above 32° F, butt joints loosely. Below 32° F, leave a 1/16th gap at butt joints. This is a departure from the 1/4" gap most decking requires. Pre-drilling is not required; however, we recommend pre-drilling when working in very cold conditions, below 25° F.

Decking Installation

Design possibilities are virtually limitless; therefore it is impossible for Fiberon Outdoor Flooring to anticipate every installation situation. Always consult with an architect, engineer, and/or local building code official and rely on them as the final authority on deck design.

As a general rule, Fiberon Outdoor Flooring requires a maximum joist spacing of 16" on center, dropping to 12" on center when decking is installed diagonally. Maximum joist spacing is 16" on center for stair treads. Secure stair treads over and in contact with a treated pine 2x6, installed flat, not on edge, as under support, and secured with Simpson A23 approved connectors and 10d x 1-1/2" hot-dipped galvanized nails. Stagger butt joints, never place side by side.

Fiberon Outdoor Flooring should be installed with a side-to-side gap of 1/8" to 1/4" to allow for proper drainage. Proper flashing is required for any attached deck and your contractor will determine the appropriate solution for your specific needs. Rail posts should always be fastened directly to the structural framing, never to the decking. Maximum overhang for side and ends must be no greater than 1". This dimension is measured from the outside face of the joist or outside face of the fascia if measuring from a fascia covered joist. Install Outdoor Flooring decking with Lumenite surface (molded grain pattern) face up or warranty is voided. For visual consistency, install boards with grain pattern in same direction.

Fiberon Outdoor Flooring requires specific fasteners but comparable fasteners designed for use with cellular PVC may suffice, provided they are designed to restrict deck board movement. Floating fasteners must not be used.

Ventilation

Make sure there is adequate and unobstructed air flow under the deck to prevent excessive water absorption. Improve drainage or grade flat areas where standing water may gather. For decks with limited ventilation, 6" of clear ventilation is required.

Static

Dry and windy environments may create a temporary condition of static electricity, which will vary depending on climate and age of deck.

For Care and Maintenance Instructions visit us online at www.fiberondecking.com for proper cleaning and maintenance of your decking.