



## Installation Instructions

**Note:** It is the responsibility of the installer to verify, before installation, that all material conforms to the owner’s specifications including product, color and dye lot. If the product in the cartons does not match what was ordered call our Product Services Dept. immediately at (800) 451-1250. **IF THE WRONG PRODUCT OR COLOR IS INSTALLED, BEAULIEU COMMERCIAL WILL NOT BE RESPONSIBLE FOR CORRECTIONS.**

**Preparation:** It is the owner’s or general contractor’s responsibility to provide an acceptable substrate for the specified installation, which must also be inspected by the installation contractor prior to installation. The subfloor must be clean, dry and free of dirt, grease, paint and non-compatible adhesives, including old cut-back adhesive. All cracks should be filled using an appropriate patching compound. Our recommended patching compounds are ParaBond PFU or Mirco Finish, Ardex K-15T4, Lev-L-Astic or Fixall, being sure to follow the manufacturer’s instructions for use. **Should you encounter asbestos containing or other hazardous materials, you should stop the installation immediately and obtain assistance from a qualified remediation consultant prior to continuing the preparation process.**

**Moisture Emissions:** The owner or general contractor, or their designated testing agent, must submit to the flooring contractor a written report on the vapor emission levels and the surface alkalinity of the concrete subflooring. All concrete floors should be tested for moisture emission rates using an anhydrous calcium chloride moisture test kit. This test must be conducted in strict compliance with ASTM Test Method F 1869. Moisture emission rate is measured in pounds of moisture over a 1,000ft<sup>2</sup> area during a 24-hour period. **The Nexterra Tile must only be installed in areas where the emission rate is 3.0 lbs. or less.** Corrective procedures must take place for emission rates over 3.0 lbs.

**Alkalinity:** The pH range of the subfloor must be between 7-9. Any reading above 9pH will require corrective measures. Testing must be performed in accordance with ASTM Standard Practice F-170.

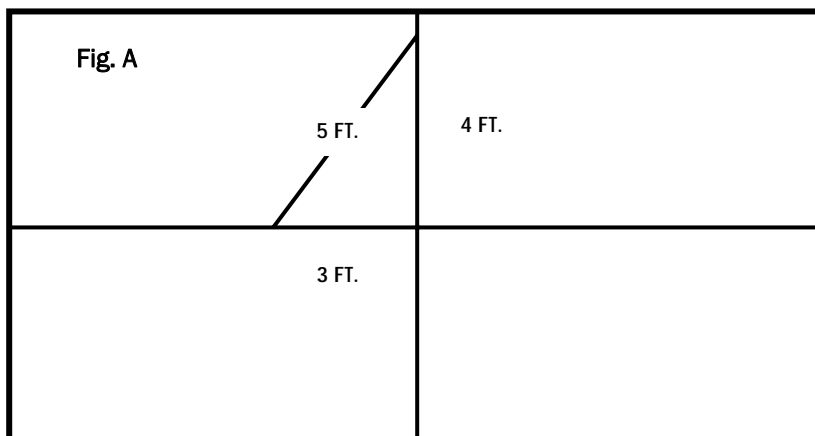
**Site Conditions:** **Carpet tiles should not be brought to the job site until the facility (work area) is properly acclimatized, as if it were in use by the building occupants.** This is achieved by making sure the specified lighting & HVAC systems are in place and are operating correctly. Installation of carpet tiles should be the last item on the construction schedule to prevent soiling, staining or construction damage caused by other trades that may void the product warranty.

The conditions of the installation environment must be between 65-85°F (18-29.5°C) with a relative humidity range between 40 & 60%. **These conditions must be maintained at least 48 hours before, during and 72 hours after installation completion.** If ambient temperatures are outside these parameters, the installation cannot begin until the HVAC systems are operational and the conditions above are met. Carpet tiles and adhesive must be acclimated to conditions in which they are to be used for a minimum of 48 hours. Carpet tiles must be removed from the cartons during this acclimation period.

**Required Tools:** You will need the following tools on site to properly install the Nexterra tile product:

- |                      |   |
|----------------------|---|
| Steel measuring tape | Cushion back cutter or “Glass Cutter”           |
| Carpet Knife         | Metal Straight Edge                             |
| Chalk Line           | 1/16” X 1/16” X1/16” <b>Square Notch Trowel</b> |
| Extra Blades         | Large Square                                    |
| Roller (50 lb. Max)  | Scissors  |

**Layout:** Begin the layout by carefully marking working lines on the floor surface to act as the starting position and guide for your carpet tile installation. First, determine that your room is as square as possible: Take measurements to determine the center of the room and snap two chalk lines that intersect at the center of the room. These lines will provide a guide for squareness as you install the carpet tile as well as divide your room into 4 manageable quadrants.\* It may be necessary to offset the centerline to ensure that perimeter tiles are no less than 12” (half of a tile). Position the first tile at the intersection of the horizontal and vertical layout lines, dry lay a few tiles in one of the recommended installation methods for that particular product (monolithic, quarter turn, ashlar, etc.), to give you an indication of the overall appearance.

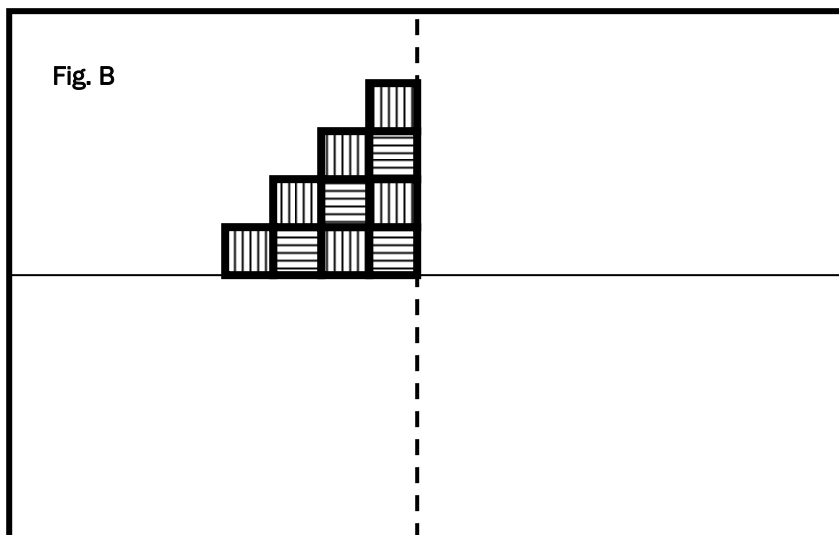


\*To verify that the lines are square with each other measure 4’ from the center point up the length and make a mark. On the same horizontal quadrant line measure 3’ across the width and make a mark, the diagonal measurement between the two marks should be exactly 5’ if your lines are square. If your measurement is not 5’ adjust your lines accordingly (see fig. A).

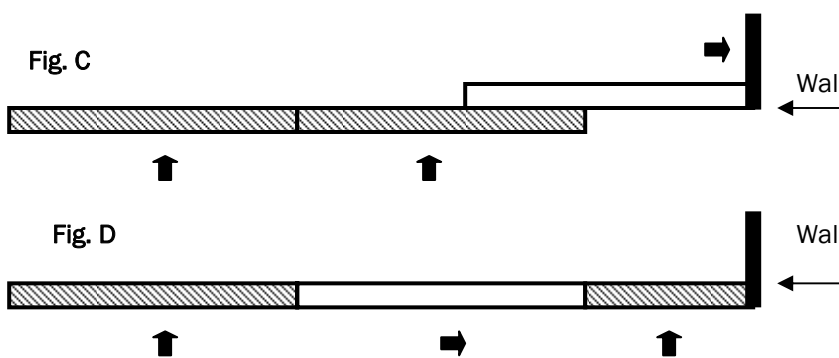
**Applying Adhesive:** Beaulieu Commercial recommends using the **iLoc Solv-Free Pressure Sensitive Adhesive** with the Nexterra carpet tile backing. For additional adhesive recommendations, please contact our Product Services Group. **The full spread adhesive application method is required when installing Nexterra carpet tile utilizing a 1/16" x 1/16" x 1/16" square notch trowel.** Wood floors and all highly porous subfloors should be primed prior to adhesive application. The spread rate for the iLoc Pressure Sensitive adhesive will vary between 80 square yards per 4 gallon pail, based on the porosity of the subfloor.

To begin the adhesive application, clear the area and evenly spread one quadrant with the iLoc Pressure Sensitive Adhesive using a 1/16" X 1/16" X 1/16" square notch trowel. Do not spread more adhesive for the tile you can install in one day. Let the adhesive dry tacky to create a releasable installation.

**Installation:** Once the adhesive properly sets up place the first four tiles carefully along the intersection of your first quadrant, stair stepping each tile as you go (see fig. B). **Do not slide tiles into position.** This will cause the corner to bend and possibly trap the pile between the seams of the tiles. Instead, brush the pile back with your hand and then tip a corner into place. Position the rest of the tile once the corner is properly aligned. Use a large square to randomly check for squareness throughout the installation.



**Tile Trimming:** When trimming a tile at the wall, pick up the full tile closest to the wall and put the tile to be cut in its place. Then place the tile that you picked up on top of the tile to be cut to act as a trimming guide. Be sure the top tile is firmly against the wall and trace cut the bottom tile (see fig. C). After the bottom tile has been properly cut put the top tile back in its proper position and the cut tile should fit perfectly against the wall (see fig. D). Change your cutting blades often to ensure that you are making the cleanest possible cut. Once an area has been installed, roll it with a 50/lb maximum roller.



**Assistance:** For any technical assistance, please call the Beaulieu Product Services Group at 800-451-1250.