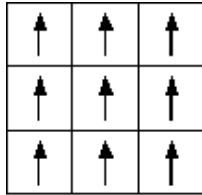


# Lees Self-Lock Carpet Tiles

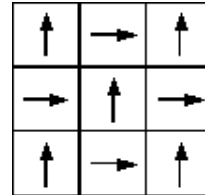
## Installation & Recommendations

### Installation Formats



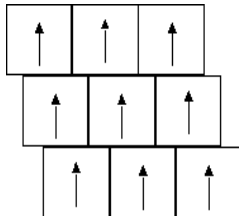
**Monolithic**

Artstone III	Initiative II
Artview	InTown
Aspire	Invite
Attribute	Lineage
Buildingworks	MBH Collection
Colorbridge (borders only)	MetallicField
DataGuard I	Notion
Discovery	Paradigm
Faculty Classics	Place
Faculty IV	Second City
FireWorks	StoneField
Groundwork	Venue
Gulfstream II	Workforce



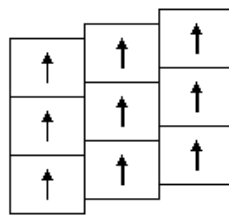
**Quarter-Turn**

Architectural Rhythms	* HorsePower
* ArtLink	MetallicGrid
Bottega	PhotoFinish
C.Edge	* Random Path
Connecting Stripes	SisalTile II
D.Code	* Square Montage
* DataGuard II	* StepUp
DataGuard III	Structural Logic
* DesignConnect	T.Setter
* DesignScene	* Texture Blocks
FirstStep	* The Field
* Ground Strata	The Groove
Heartland	* WovenCircuit



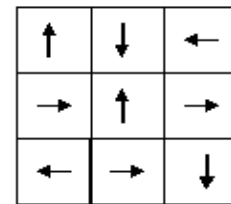
**Brick Ashlar, 3-Step 8-Inch Offset  
(6-Inch Offset for 18" x 18" Tiles)**

- Cantera
- \* DataGuard II
- Emerging Lights
- Fireworks
- \* Flamestitch II
- Initiative II
- Moontrail II
- \* StepUp
- \* WovenCircuit



**Vertical Ashlar, 3-Step 8-Inch Offset  
(6-Inch Offset for 18" x 18" Tiles)**

- \* ArtLink
- Cycles
- \* DesignConnect
- \* DesignScene
- \* Ground Strata
- Haven
- \* HorsePower
- \* Texture Blocks
- \* The Field
- Vital



**Random**

- \* ArtLink
- \* DesignScene
- \* Flamestitch II
- \* MetroTek II
- \* Random Path
- \* Square Montage
- \* Texture Blocks

\* These products may be installed using more than one installation format depending on the look that the end user or designer wishes to achieve. Please review the product list under each of the above formats and consult job specifications or the end user to determine which installation format should be used for a particular project. If you have any questions about any of the installation formats, please contact Lees Technical Service at 1-800-443-2241 for more information.

## Ashlar Format

**NOTE:** To aid the installer in achieving these patterns, modules are printed with directional markers on the back.

You may choose to offset any of Lees carpet tiles in the brick or vertical ashlar patterns if you observe a line-on-line or dark-on-dark effect in the installation or if the pattern is skewing. The ashlar installation methods are also desirable with carpet tiles that have a high contrasting pattern. For these strong patterns, especially in large open areas not covered by furniture or in corridors with runs greater than 50 feet, **the finished carpet installation may have a more pleasing appearance if the brick or vertical ashlar installation method is employed.** If you're unsure, dry lay an open area before installation to determine the best method for the selected carpet tile.

## Random Format

**All arrows on the tiles must be turned in different directions.**

Although there is no specific directionality that the installer must follow, as in the monolithic, quarter-turn, or ashlar methods, products specified "Random" **cannot** be installed with the arrows running in the same direction.

## Before Installation

**NOTE:** To check the floor's porosity, pour a cup of water on the floor. If the water beads on the surface, it indicates the floor is non-porous. However, if the water is absorbed rapidly, the floor is very porous.

**NOTE:** It is the General Contractor and the installer's responsibility to make sure all requirements have been met before proceeding with the installation.

**NOTE:** When removing carpet from a surface containing asbestos, be certain to consult applicable local, state, and federal guidelines for the handling of asbestos containing materials.

- The floor temperature should be between 65° and 95° F for 24 hours prior to and during the installation. Condition modules for at least 48 hours at a minimum temperature of 65° F.
- The floor should be sound and level. Fill all holes, cracks, and depressions of more than 1/16-inch wide with a Portland or cement-based patching compound. For ceramic tile, marble, and terrazzo floors, fill and level all grout lines. For vinyl tile, fill or replaced damaged tiles and re-glue loose tiles.
- **Conduct a moisture test.** Moisture in the subfloor will interfere with the curing and performance of the adhesive. The *calcium chloride* test is the only acceptable test. A reading of 3 pounds per 1,000 square feet per 24 hours is the maximum acceptable reading for Lees Squared Pressure Sensitive Adhesive. Use two coats of Lees EverSeal for moisture readings between 3 and 5 pounds. For readings between 5 and 8 pounds, contact Lees Technical Service at 1-800-443-2241 to review job site conditions to determine the best application method.
- Test the alkalinity level of concrete using a Litmus test. If the pH level is above 9, mop the floor with a vinegar and water solution (eight ounces of vinegar to one gallon of water) to remove any alkalinity on the surface of the slab. Allow this solution to dry completely, then use two coats of Lees EverSeal.
- **Seal all porous floors with Lees EverSeal™.** Porous floors, such as unsealed concrete and wood, must be sealed with at least one coat of EverSeal before installation of the carpet tiles.
- For installation over Gypcrete patches, Lees recommends using EverSeal to eliminate any dust that may interfere with adhesion. It is the contractor's responsibility to determine that the patch is adhered firmly enough to the substrate to install the adhesive.

**NOTE:** Cut-back or black solvent-based adhesives must be totally removed, covered with vinyl composition tile, or sealed with two coats of Lees SureSeal.

- For smooth, non-porous surfaces, such as terrazzo, sealed hardwood, marble, ceramic, slate, metal, VCT, VAT, and other resilient floor coverings, remove all waxes, finishes, dirt and dust. Remove anything that is not well adhered to the subfloor. These surfaces, **as long as they are clean and dry**, do *not* need to be sealed with EverSeal before installation of the carpet tiles.
- Neglecting to remove or seal old adhesives or other floor coatings may result in installation failure. Latex adhesives must be removed and sanded smooth or sealed with Lees EverSeal. **Cut back or black solvent-based adhesives must be totally removed, covered with vinyl composition tile, or sealed with Lees SureSeal Cut-Back Sealer.**

## Recommended Equipment

- Roberts 10-146 Cushion Back Cutter
- Roberts Wall Trimmer with hook blade
- Lees Squared Pressure Sensitive Adhesive
- Seam Roller (steel wheeled)
- Razor Blade Knife
- Straight Edge
- Paint Roller
- Lees EverSeal
- Chalkline
- Tape Measure

## Installation

### CAUTION!

In a new installation or re-installation, be sure the floor is clear of dirt and dust; both will have an adverse effect on the factory applied adhesive.

**NOTE:** To check the installation, 18" x 18" tiles should measure no more than 180 ¼" over ten modules, and 24" x 24" tiles should measure no more than 240 ¼" over ten modules.

1. **Keep the carpet tiles back to back until ready to lay to eliminate any dust or dirt accumulating on the pre-applied adhesive.**
2. Measure the area to find the best starting point that will utilize a maximum size perimeter tile. In some cases, due to doorways or partitions, the "starting point" is not the center of the room.
3. After selecting the starting point, snap chalklines that bisect this point at right angles. To achieve a perfect angle, which is critical, form a triangle by measuring 6' up from the center point. Then measure 8' out from the center point. Then, find a 10' angle between these two points. (See Figure 1 below.)
4. Use the chalklines as a guide for lining up the edges of the modules. Using the pyramiding technique, install one quadrant at a time, following the numerical sequence as shown in Figure 2 below.
5. The corners of the modules should be flat to assure proper fit. Install the modules snugly. Be careful not to over-tighten the installation.
6. Roll the completed installation with a 75-pound roller.
7. Use an Orcon steel wheel seam roller or similar roller to blend and enhance the seams.
8. Apply Lees Squared Pressure Sensitive Adhesive in areas where fills are to be used. When a module is cut or trimmed, these pieces must contain backing adhesive.
9. The loop pile modules will have some yarn blossoming at the edges. This is inherent to this type of construction. The face yarn may require occasional trimming.

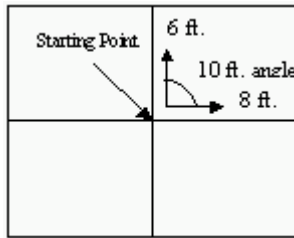


Figure 1

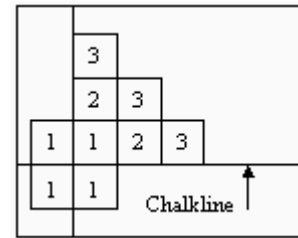


Figure 2

## Additional Information

**NOTE:** Neglecting to follow these instructions may result in installation failure.

- Each pallet will be identified by a Pallet Sequence Number. Every effort should be made to minimize sequence separation in a given area.
- Observe dye lot guidelines. Always maintain dye lot integrity. Never indiscriminately mix dye lots.
- For trench headers, apply a narrow strip of adhesive along each side of all trench headers. This will prevent movement in the installation while gaining access to the headers.
- Modules are easily removed from the floor, providing access to underfloor utilities and flatwire installations. When reinstalling modules, replace them in their original position and pile direction. Pile directional arrows are on the back of all modules.
- For adhesive removal, cover the adhesive spot with **Durasafe 2007** Paint, Oil, Grease & Adhesive Remover and allow five minutes of dwelling time. Use a scraping tool in a circular motion to collect the loosened adhesive. Repeat as necessary. Vacuum the area thoroughly after drying to remove crystals and encapsulated soil.