

Installation Guide

Installing your own subfloor has never been easier! DryBarrier® simply snaps together, with little effort.

How many DryBarrier® tiles do I need?

Use this simple formula to determine the quantity of tiles required:

$$\text{Room square footage} \div 3.3 = \text{Number of tiles required}$$



16' x 16'

Room Size



78

Numbers of
Tiles Required



10

Packages of
DryBarrier®

Installation Materials

Tools:



Marker



Carpenter
Square



Tape
Measure



Utility
Knife

or



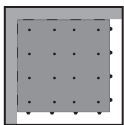
Shears

- ◆ **Accessories:** 1-1/4" Concrete Screws, Sheathing Tape
- ◆ **Protective Equipment:** Safety Glasses, Work Gloves

Room Preparation

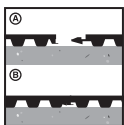
- ◆ Sweep or vacuum the space to remove any dirt or debris
- ◆ Correct any bumps, ridges or dips in concrete surface to ensure proper seating of tiles

Installation Steps



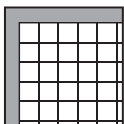
STEP 1 Start in the Room Corner

- ◆ Starting in a corner, place the first tile down with female 'spacer' snaps against the two walls and the male snaps facing outwards.



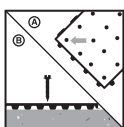
STEP 2 Simply Snap Together

- ◆ Place the next tile down flat, then simply slide and snap together ensuring all snaps are properly engaged.



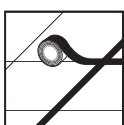
STEP 3 Easily Cut to Size

- ◆ Install tiles in a stack pattern, and then cut the last tile to size in each row, with a utility knife (or shears), maintaining a minimum 1/8" space from wall for airflow.



STEP 4 Secure the Subfloor (optional)

- ◆ At each corner of the room, fasten a concrete screw in the designated tile counter pockets to secure the subfloor placement.



STEP 5 Create Vapour Barrier Seal (optional)

- ◆ Place sheathing tape across all tiles seams for a complete vapour barrier seal under your choice of floor coverings.

Finished Flooring Installation

DryBarrier® is a flexible floating subfloor system which will follow the contour of the concrete floor. If the concrete floor has dips greater than 1/4 inch, we recommend applying a leveling compound prior to installing the subfloor. Although DryBarrier® is a floating system, in some instances we suggest fastening the tiles to the concrete floor. When fastening is required, use the designated counter pockets on top surface of DryBarrier® to effectively accommodate the screw head maintaining a flush surface. The durable flat top surface of DryBarrier® may be suitable to place finished flooring directly on top, providing protection and comfort; however it is important to follow the installation requirements as outlined by the flooring manufacture to maintain warranty on the finished floor.

Laminate



The durable flat top surface of DryBarrier® will support any Laminate thickness including 7mm with no concerns. Before installing the Laminate ensure the DryBarrier® subfloor does not exhibit any bounce throughout. If so, fasten a 1 1/4" concrete screw into a counter pocket closest to the area of bounce securing the DryBarrier® subfloor to the concrete. Install the Laminate as per the flooring manufactures guidelines and maintain a minimum of 1/8" airflow space around the room perimeter.

Carpet



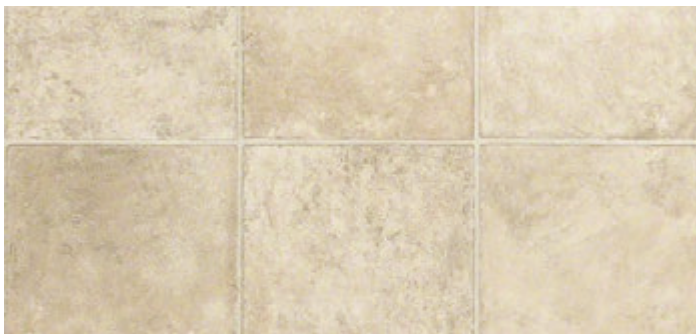
Install tack strips on top of DryBarrier® around the perimeter. To prevent the DryBarrier® tiles from lifting up when stretching out the carpet, fasten the tack strips into the concrete through the DryBarrier® subfloor using 1 3/4" concrete screws, minimum one per tile. Install under-pad and carpet and maintain a minimum of 1/8" airflow space around the room perimeter. If the bottom plates of the perimeter and interior walls are constructed on top of DryBarrier® then there is no need to fasten the tack strips into the concrete.

Engineered Hardwood



Depending on humidity levels hardwood may not be the appropriate flooring choice for your basement. Review the flooring manufacturer's guidelines for humidity level requirements. Ideally a Floating Engineered Hardwood system should be used on top of DryBarrier® without a plywood underlayment minimizing height and cost. The plank pieces are clicked together if the flooring has a click lock system or glued to each other but not to the DryBarrier® subfloor. If you choose to install nail down floors, a 3/4" plywood underlayment is to be securely fastened through the DryBarrier® subfloor into the concrete using 2" concrete screws. Use 3/4" length staples to fasten the hardwood into the plywood.

Vinyl (Plank, Tile, & Sheet)



The durable top surface of DryBarrier® will provide adequate support for vinyl flooring however vinyl has an ability to telegraph the substrate irregularities through the vinyl over time. The surface irregularities of a DryBarrier® subfloor system are the small round counter pockets and the recessed logo. There are vinyl plank and tile flooring products that provide a strong backing which prevents the risk of telegraphing. Some vinyl products require a specific underlayment. Refer to the flooring manufacturer's guidelines for recommended underlayment and installation instructions. Before you place any recommended underlayment such as 1/4" plywood ensure the DryBarrier® subfloor does not exhibit any bounce throughout. If so, fasten a 1 1/4" concrete screw into a counter pocket closest to the area of bounce securing the DryBarrier® subfloor to the concrete.

Tile & Stone Installation



Securely fasten 5/8" OSB or Plywood on top of the DryBarrier® subfloor using 2" concrete screws to prevent any movement or shifting below the finished floor which may cause grout and tile cracks. Install an approved tile underlayment on top of the OSB or Plywood and follow the flooring manufacturer's installation guidelines.