

AmDry Subfloor Tile Expanded Installation Guide

Tools Required:



- Tape measure
- Utility Knife
- Straight edge
- Rubber mallet
- Circular saw with plywood blade
- Pull or pry bar
- 1/2" spacers
- Pencil / marker

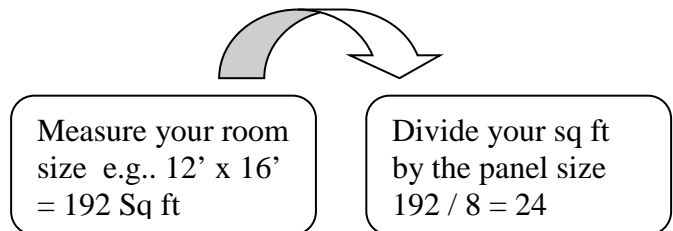
Getting started:



Total Sq. Ft. of room
(_____ sq. ft.) divide by
8 equals Total Panels
required.

- Measure basement area to determine the number of Amdry –Tile subfloor panels required.

Each AmDry Panel is 8 sq ft in size (24" x 48")



*We suggest that you include an extra panel for an extra cut out, waste etc.



Basement Preparation:



- Sweep and / or vacuum all loose debris off basement floor



- Check to make sure the floor is level and any major holes or uneven areas greater than $\frac{1}{4}$ " over a 36" to 48" area be repaired using a self-leveling concrete product. The AmDry panel will accommodate minor irregularities and uneven spots in the basement floor.



Installation Steps:



Step 1:

- The Amdry– Tile panels are installed by overlapping the 1” open area of Tile board around one side and one end of the panels (without the expanded polystyrene (EPS) insulation attached) onto the exposed expanded polystyrene (EPS) foam insulation at the opposite end and side of the panel. They are secured to each other using construction adhesive that is specifically designed for “Foam Board”. (LePage PL300 is an approved product for Foam board and is available at most building material locations.)
- In the selected starting corner, place ½” spacers at each side of the starting corner. At this point you will need to cut the Tile backer board on the side and end that has no eps foam under it by 1” so that the tile backer board and EPS foam are flush. Place the cut ends against the ½” spacers and so that the end and side with the exposed eps foam and backer board is against the end and side wall inside the spacers. You will need to continue to cut the tile backer board at the side without the EPS to sit flush against the basement wall for this entire row.
- the last panel of each row to fit the room size. Remember to include the ½” spacer at the end of each row.





Step 2:

- For the 2nd row; start back at the original starting point beside the first panel placed. Place 2 spacers at the end wall.
- While we recommend that you stagger the panels in each row to provide added strength. To install the Amdry panels in a staggered pattern cut a 2' x 4' Amdry panel in half, measure the panel @ 24" place a mark on either side, using the straight edge mark the center of the panel, place a piece of 2x4 under the panel at either end, and using the circular saw with the plywood blade cut the panel. We recommend you make all cuts outside or in an open garage to minimize the saw dust, also always remember to use proper safety precautions, gloves, mask and safety glasses) As an alternative you can use the leftover piece from the last panel in the first row. The Amdry Tile panel will be placed so that the open side with no EPS is placed onto of the previously installed row of panels with the eps exposed. The end part of the panel that sits against the end wall will need to be cut flush as you have done with the first panel except in this case cut only the end of the panel. Apply approved adhesive to the previously installed panel and set the second row panel in place.





Step 3:

- Continue to install the Amdry panels working from one side of the room to the other, one row at a time.
- Once you have completed your basement AmDry installation, the ½” spacers that were placed around the room to allow proper air movement for drying can be removed after the tile is secured to the concrete floor per the following instruction.
- **Ceramic or natural stone Tile:** For this type of floor finish you require a solid surface without deflection. To achieve this you will need to fasten the installed Amdry panels directly to the concrete floor using Tapcon concrete screws. The Tapcon screws will need to be secured a minimum of ½” into the concrete and placed every 12” on center. Once you have secured the entire area to be covered with ceramic or natural stone tile, install a metal lath with a cementitious base coat and follow the standard installation instructions for these products.

