

## Installation Guidelines

Re: New & Existing Gymnasium Floors, Indoor.

**The following guidelines are for the indoor application of Amarco Products Flex-Court.**

### Pre-Installation

1. Fix or repair any base problems. New facilities: responsibility of General Contractor. Existing facilities: responsibility of Owner.
2. It is best to complete all other work before installing the Flex-Court floor.

### Installation

1. Sweep and/or clean the floor to be covered. New facilities: responsibility of General Contractor. Existing facilities: responsibility of Owner.
2. (OPTIONAL, if underlayment is desired): Roll out rubber underlayment. Abut sheets side to side, within 1/8" of each other. Tape ends to floor using duct tape and pull taut so as to eliminate any undulations. Spot tape sheets together every 3 to 4 feet to prevent overlapping. Any end-to-end splices or tears of rolls can be fixed by with duct tape.
3. Establish the lengthwise centerline of the court (goal to goal direction). Pull a string line the length of the court along the centerline and fix it on both ends, approximately 1" above the base so that it will run over the tiles. Keep string line taut. Alternate: snap a chalk line.
4. Pre-assemble Flex-Court into 3 x 3 tile panels. Always maintain the same orientation of the locks throughout. Put as much labor into this as possible, as this step is the most time consuming. As panels are made, have one man begin step 5.
5. Spread out Flex-Court tiles in accordance with the tile layout plan or to fill the area to be covered. Align the grain of the wood along the long axis of the court – goal to goal. Start from the center, along the centerline. Be sure that the male/female lock orientation is maintained the same for all tiles.

Note: Do not assemble sheets at this point. Arrange the sheets in straight rows and columns, abutting them but not attaching them to each other. It is fine to leave room at the periphery for trim at this point.

6. Begin assembly of the tile panels. Snap together one column (of 3 tile wide panels) along the centerline of the court as shown on drawing #50798. Using the centerline as a guide, straighten and align this row. Make sure that this row is centered from end-to-end as well as side-to-side. The horizontal and vertical centerlines should cross exactly in the center of the center tile (not along any tile joints). See inset on drawing.
7. Assemble the first cross row of tile panels at one end of the court, perpendicular to the center row. Tie the cross row into the existing center row as you proceed. The assembled tiles will now resemble a letter "T". See drawing.

Tip: Start the first cross row at the end of the court that the male locks face. By doing this, you will proceed to tie each successive cross row into a female loop. This will make for a much easier and faster progression.

8. Straighten and align the first cross row perpendicular to the center row.
9. Continue assembling rows across the floor in the same manner, continually checking to maintain squareness. Tie each cross row into the previous one, as well as the center column. Proceed from one end of the floor to the other until the entire floor is assembled, less any trim (full tiles only).
10. Cut and install any trim tiles. Final tile trim to be approximately  $\frac{1}{4}$ " to  $\frac{3}{4}$ " from the outside wall. All cuts to be done as neatly as possible.

Note: Trimmed tiles will lose at least one protective rim. Under stress, the vinyl tile insert may slip slightly from the base module. To prevent this, it is recommended to insert two small brads through the vinyl tile insert into the base module, one in each side of the tile near the protective rim.

11. It is recommended to finish with a long toed coping (by others) or to fill the resulting gap with a clear silicone or other caulking compound.
12. Mask and paint all game/playing lines. Refer to line painting instructions.

## **Game Line Painting Procedure**

1. Mask off desired game lines.
2. Clean game line areas with denatured alcohol on a clean, lint-free rag. Let dry.
3. Apply primer with thin (@1/4") nap pad. Do not over soak roller.
4. Allow 30 minutes after application for primer to completely dry.
5. Apply first coat of line paint. Do not oversoak pad. Do not apply too thickly. Use hardener for reds and dark colors. Thin paint if required.
6. Apply second coat of paint.
7. Remove masking tape carefully, immediately after painting.
8. Touch up with brush where necessary.
9. Allow enamel paint 48 hours to harden prior to using court.

### Notes:

1. An "all-purpose" paint pad sized to game line will work best.
2. Install pad on appropriate size roller (e.g. a 3" pad on a 3" roller).
3. Use an extension handle into the roller for easy stand-up painting.
4. Do not use foam pads or brushes as the paint may attack them.
5. Pour primer and paint into a metal paint pan. Do not use plastic pans or liners as the paint can attack them.
6. Work carefully to prevent drips/spills.