

## **GYM-LOC INSTALLATION INSTRUCTIONS**

### **Pre-Installation**

1. Fix or repair any base problems. New facilities: responsibility of General Contractor. Existing facilities: responsibility of Owner.

### **Installation**

1. Sweep and/or clean the floor to be covered. New facilities: responsibility of General Contractor. Existing facilities: responsibility of Owner.
2. Roll out rubber underlayment. Abut sheets side to side, within 1/8" of each other. Hold sheets taut end-to-end with duct tape to prevent rippling effect. Hold sheets close together with duct tape approximately every 3 to 4 feet with duct tape. Any tears or splices can be fixed by using 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. Spread out Gym-Loc tile sheets in accordance with the tile layout plan. Be sure that the male/female lock orientation is maintained the same for all sheets. Do not assemble sheets at this point. Arrange the sheets in straight rows and columns, abutting them but not attaching them to each other. Locate any inbounds, outbounds, lanes and other color patterns as required per plan.
5. Assemble the tile sheets along the centerline. Assemble this first row either 4 or 6 tiles wide, depending on tile layout plan, using the string line as a guide. Make sure that this row is centered from end to end as well as side-to-side. Also, double-check the location and accuracy of any game lines, especially the centerline and free throw lines.
6. Assemble the first cross row of tiles 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".

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.

7. Straighten and align the first cross row perpendicular to the center row.
8. Continue assembling rows across the floor, continually checking to maintain squareness, proceeding from one end of the floor to the other until the entire floor is assembled.
9. Cut and install any trim. Final tile trim to be approximately ¼" to ½" from the outside wall. All cuts to be done as neatly as possible.
10. It is recommended to finish with a long-toed cove base molding, or to fill the resulting gap with a clear silicone or other caulking compound.
11. Mask and paint all game/playing lines. Refer to "Line Painting Instructions".

### Line Paints

**Primer:** DuPont #2322 Plastics Etch. (Alt.: PPG #DPX801, for plastics.)

**Paint:** DuPont CENTARI Acrylic Enamel.

Recommended White: #5338A; Black: #99A. Other colors as available.

**Catalyst:** Indoor use only: DuPont #793. Speeds curing of paint. Recommended for dark colors especially. Mix 1 part Catalyst to 8 parts Paint. Read and follow label instructions.

**Thinner:** DuPont #8022 reducer. Thin as required for even application. Will prevent "spider webs" forming on roller, especially on outdoor applications. Read and follow label instructions.

**Availability:** Local DuPont, professional or automotive paint store.  
DuPont Toll Free Telephone: 1-800-338-7668.

### **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 over soak 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.