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Installation Guidelines: HomeCourts™

Re: New & Existing HomeCourts.

The following guidelines are for the Matéflex II and III open grid tiles, style #3500 & #3513, for outdoor applications.

Pre-Installation

1. Fix or repair any base problems. New facilities: responsibility of General Contractor. Existing facilities: responsibility of Owner.
 - A. General recommendations:
 1. Fill, level and repair any cracks in excess of ¼" wide.
 2. Fill and level any cracks exhibiting a vertical shift (one side higher than the other).
 3. Level and repair any birdbaths over 1/16" deep (width of a nickel coin) after drying @ 1 hour in the sun at 70°F.
 4. Scrape and remove any loose or delaminated coatings.
2. Sweep and/or clean the surface to be covered of any loose debris. New facilities: responsibility of General Contractor. Existing facilities: responsibility of Owner.

General Instructions

1. Measure and locate the 4 corners of the court straight and square to accommodate the desired tile layout using only full 12" tiles. It is best to start from the slab/base centerline and measure outwards. (If this is not possible, one may begin at one of the longer sides and proceed in a like manner.)
2. Set a string line around the perimeter as a guide to align the tiles.
3. Assemble tiles in each of the 4 corners into 3 x 4 tile sheets. True these sheets to the string line. Be sure all male/female lock orientations are the same.
4. When these corner sheets are square to the line, fasten to the base every 9" along the back and side. Fasten through one of the openings in the tiles in the second flex-joint row in from the line, in the center of the small block (see sketch).
5. If concrete, use 1-3/4" x #12 galvanized flat-head screws – Fastenal or equivalent. If asphalt, use special spikes provided by Mateflex, or equivalent.
6. With all 4 corner sheets fastened to the base, assemble a 3 or 4 -tile row of tiles completely across the ends of the court.

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7. Fasten these sections completely along the back in the same manner as above (see drawing).
8. Lay out and assemble the main body of the court according to the plan. Work from each end towards the center (net) line.
9. If there is any space, gap or misalignment present at the center, close using Mateflex rakes and come-along tools.

MATÉFLEX Line Paints: HomeCourts

Primer: DuPont #2322 Plastics Etch or PPG #DPX801, for plastics.

Paint: DuPont CENTARI Acrylic Enamel.

Recommended White: #5338A. Other colors as available.

Thinner: DuPont #8022 reducer. Thin as required for even application. This 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.
www.performancecoatings.dupont.com

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Line Painting Instructions: HomeCourts

1. Mask off desired game lines.
2. Apply primer with thin (@ 3/16 or 1/4") nap pad. Do not over soak roller.
3. Allow 30 minutes after application for primer to completely dry.
4. Apply first coat of line paint. Paint only the top surface of the ribs. Do not drip or run paint down the sides of the ribs. Do not over soak pad. Do not apply too thickly. Thin paint as required.
5. Apply second coat of paint.
6. Remove masking tape carefully, immediately after painting.
7. Touch up with brush where necessary.
8. 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. If foam pads or brushes are used, check these first for compatibility with both the paint and the primer to insure no chemical attack problems occur.
5. Use metal paint pans only. Do not use plastic pans or liners as the primer or paint can attack them.
6. Work carefully to prevent drips/spills.
7. Coat playing lines completely and evenly, but for best results, do not over paint the lines.

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