

GUIDE SPECIFICATIONS FOR POURED-IN- PLACE RUBBER SURFACING FOR WALKING & JOGGING TRACKS

PART 1 – Scope of work

1.01 Work Included

This work includes furnishing and installing of synthetic track.

1.02 Description of System and General Conditions

Synthetic track shall be defined as a mixture of EPDM rubber and Polyurethane binder poured-in-place and trowelled to provide for a resilient, seamless rubber surface. The surface shall be stable and slip resistant to comply with all requirements set forth in the Americans with Disabilities Act.

1.03 Contractors Pre-Qualification Requirements

- a) Contractor must have experience with similar projects, and must provide owner with list of jobs completed within the last 5 years.
- b) Contractor must supply owner with sample of proposed product for prior approval
- c) Contractor must be a member in good standing with the “American Sports Builders Association” (United States Tennis Court and Track Builders Association). This is to ensure that the contractor has met the requirements set forth to be able to perform this specialty work.
- d) Contractor should be licensed in the state of which the work is to be performed and entitled to practice the following classifications: Tennis courts and running track facilities.

1.04 Contractors Responsibility

- a) Furnishing all labor, materials, equipment and taxes to fully execute job.
- b) Furnish and maintain temporary flagging and barricades as required to protect employees and public at all times.
- c) Daily clean-up of trash and debris
- d) Contractor must carry proper insurance. (A 30 day cancellation notification shall apply to all Policies).

1.05 Insurance Requirements

- a) **Commercial General Liability**
 - General Aggregate \$2,000,000
 - Personal Injury \$1,000,000 per occurrence
 - Each occurrence \$1,000,000
- b) **Commercial Business Automobile Liability**
 - Combined Single Limit of \$1,000,000 per occurrence
- c) **Workers’ Compensation**
 - Bodily Injury by Accident \$1,000,000 per accident
 - Bodily Injury by Disease \$1,000,000 per accident

1.06 **Quality Assurance**

- a) Upon request from owner, Contractor shall supply owner with a list of similar projects and its contacts that have been successfully completed within the last three years. (Pictures may be required)
- b) Contractor shall provide owner with a reference letter of good standing from the material manufacturer.

All bidders must also submit Material Safety Data Sheets (MSDS) and Product Data Sheets on all materials.

1.07 **Warranty**

Track surface shall be warranted for labor and materials for a period of no less than two (2) years.

1.08 **Approved Manufacturer/Installer**

Quality Court Industries
5661 Brownsfield Dr.
Baton Rouge, LA 70811
225-774-9974 – Phone
225-774-9984 – fax
www.qualitycourts.com

PART 2-PRODUCTS AND MATERIALS

2.01 **Materials**

Polyurethane Binder – 100% Single Component Polyurethane pre-polymer formulated using a polymeric Methylene Diphenyl Isocyanate (MDI) based binder. (No TDI shall be used) Binder shall contain no carcinogens.

EPDM rubber -- Pigmented synthetic rubber granules (1-3 mm peroxide cured) with a minimum EPDM content of 25% by weight and certified letter from manufacturer stating this content. STRAND, SHAVED, CHIPPED OR SHREDDED RUBBER IS NOT ACCEPTABLE IN THE POURED CAP.

PART 3- INSTALLATION PROCEDURE

3.01 **Base Requirements**

The base shall have the specific minimum slope (2%) and shall vary no more than 1/8” when measured in any direction with a 10 foot straight edge. Asphalt base shall be allowed to cure a minimum of fourteen (14) days and new concrete shall be allowed to cure a minimum of seven (7) days prior to commencement of surfacing.

3.02 **Preparation**

Scheduling – The track shall be installed after the subsurface has been properly prepped and cured. The temperature should be 40 degrees and rising during installation of surface.

Cleaning – The entire subsurface shall be clean, dry and free from any foreign and loose material.

Priming – All edges and all seams shall be primed.

3.03

Installation

Poured Cap – The 3/8” minimum poured track shall be composed of EPDM granular rubber only. The cap will have a minimum weight of 2.2 pounds per square foot. The cap will be poured in place by means of screeding and hand-trowelling to maintain a seamless application. All rubber shall remain consistent in gradation and size. COLOR TINTED BINDER WILL NOT BE ALLOWED. Installation method shall use a measured screed rod 1/16” thicker than the required depth.

If graphic designs and color transitions are used, they shall be full wear course depth. The color(s) are to be determined by owner.

Edges – Surface edges shall be flush with edge of adjacent area or tapered to provide safe transition. Surface shall be sloped to drain as indicated on plans.

Large Areas – All areas that are in excess of 2,000 sq. ft. or adjacent pours will have a cold joint or seam due to the nature of the installation process. Although seldom visible, large areas or adjacent colors require the track material to be installed on separate days.

3.04

Protection

Surface installation crew shall be responsible for the protection of the track surface during the installation process. Owner or General Contractor shall be responsible for the protection of the track surface during the curing period upon completion of the installation.

PART 4-COLOR

4.01

The color of the track will be as indicated on plans.

Standard Color Blends – Will be chosen by owner or owner’s representative. Selection of either standard color blends or custom color blends must be made a minimum of 72 hours before bid date.

Colors to choose from: Terra Cotta Red, Bright Red, Purple Red, Orange, Green, Bright Green, Turquoise, Teal, Blue, Light Blue, Purple, Gold, Bright Yellow, Beige, Brown, Grey, Black.

**FOR SPECIFIC PROJECT SPECIFICATIONS, OR OTHER SPORTS APPLICATIONS,
OTHER COLORS OR FOR FURTHER INFORMATION, PLEASE CONTACT:
QUALITY COURT IND. AT: 5661 BROWNSFIELD DR. BATON ROUGE LA 70811
(225) 774-9974 - OR ON THE WEB AT:
www.qualitycourts.com**