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Prefabricated Rubber Running Track System

System & Installation Guide

System guidance for the prefabricated rubber running track system, including structure, installation conditions and construction steps.

Prefabricated Rubber Running Track System

1. Overview

ThePrefabricated Rubber Running Track System uses factory-manufactured rolls or sheets as the wearing course, which are bonded to the subbase on site using a specialist adhesive system.

The thickness and system structure are controlled during factory production, providing a neat finished appearance and consistent overall performance. It is suitable for school athletics tracks, professional training facilities, and projects with clearly defined construction schedules.

2. Key Features

•Factory-Prefabricated for Consistent Quality

Uniform thickness and good batch-to-batch consistency.

•Installation by Bonding for a Controlled Schedule

On-site work mainly involves bonding the prefabricated material and treating the joints, allowing clearer installation planning and schedule control.

•Consistent Sports Performance

Balanced elasticity and friction provide a consistent feel underfoot.

•Slip and Wear Resistance

The factory-formed surface texture provides consistent traction and good wear resistance.

•Weather Resistance and Easy Maintenance

Good aging resistance supports reliable outdoor performance, while localized damage can be repaired by cutting out and patching the affected area.

3. Typical System Structure

Subbase (Asphalt / Concrete)

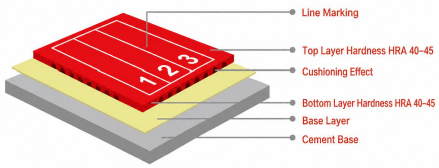
Subbase Preparation and Levelling

Primer Coat (to Improve Adhesion)

Installation of Prefabricated Rolls (Bonding and Joint Treatment)

Edge Finishing

Track Markings



4. Installation Guidelines

Installation Conditions

The subbase must be sound, level, dry, and clean, with a gradient that complies with the drainage design.

Installation must not be carried out during rain or when the subbase is damp, or when condensation is present. Control the temperature, relative humidity, and adhesive open time in accordance with the adhesive manufacturer's instructions.

Installation Process

•Subbase Inspection and Preparation

Clean the subbase thoroughly and remove all dust. Repair cracks and depressions. Where necessary, grind or shot-blast and level the surface to ensure compliance with the specified surface-flatness requirements.

•Primer Application

Apply the primer or bonding agent evenly by roller to seal surface pores and improve adhesion reliability.

•Trial Layout and Setting Out

Pre-lay the rolls according to the track direction and planned roll layout. Snap reference lines to establish the starting point and joint positions.

•Adhesive Application and Roll Installation

Apply the specialist adhesive at the specified application rate. Install the rolls in sections and press them firmly into place as installation proceeds to prevent hollow or debonded areas and wrinkles.

•Joint Treatment

Align and compact the joints. Bond and seal the joint edges according to the specific system requirements, with particular attention to surface evenness and joint strength.

•Compaction and Edge Finishing

Compact the entire surface using a roller. Reinforce and neatly finish the edges, curves, and roll ends.

•Line Marking

Set out the track markings in accordance with the project drawings. Apply specialist polyurethane line-marking paint to produce clear lines in the correct positions.

•Curing and Opening to Use

Close off the completed area during curing. Open the facility for use only after the adhesive has fully cured in accordance with the manufacturer's requirements.