

SUNFLEX-NEO

SMART RUNNING TRACK SYSTEMS

HIGH-PERFORMANCE SMART ATHLETIC TRACKS | WAF-COMPLIANT





WHO WE ARE



Two Decades of Sports Infrastructure Excellence

Sunflex Sports Infrastructure Pvt. Ltd. is an ISO 9001:2015 certified company with 25+ years of experience in crafting world-class sports infrastructure. From wooden courts to FIFA-level football fields, we've built performance-driven play surfaces across India.

We are:

- MSME GEM & FIEO Registered
- Expertise in indoor & outdoor sports systems: courts, turfs, athletic tracks & more
- Trusted partners for major government and private sports projects in India and abroad.
- Backed by international tech & in-house expertise and known for turnkey solutions that combine engineering, aesthetics, and athletic performance



WHAT IS SUNFLEX NEO?

Sunflex NEO is a range of high-performance **Smart Synthetic Running Track** systems tested and certified to meet World Athletics (formerly IAAF) performance standards.

Key Features:

- Modular system options: Spray-On, Sandwich, Full PU, PU Emboss.
- Smart Running Tracks with Built-In Athlete Performance Analytics.
- Customizable to project-specific requirements
- Suitable for various levels: schools, colleges, stadiums

WHY CHOOSE SUNFLEX NEO?

- Certified by World Athletics for international competitions
- Durable and weather-resistant surfaces
- Innovative Smart Technology
- Low maintenance with impressive warranty
- In-house execution ensuring quality and accountability





Certified by Global Standards

IAAF Certification & Compliance

- Our running track systems are tested and conform to World Athletics (IAAF) performance standards.
- Certified for installation and line marking according to IAAF requirements.
- Product and track certifications involve:
 - ✔ Testing by an IAAF-approved lab
 - ✔ Certification application at IAAF Monaco
 - ✔ Track survey + in-situ product test (Class 1)
 - ✔ Track survey + product test report (Class 2)
- Certified tracks are listed on the official World Athletics website.

Sunflex SMART Tracks

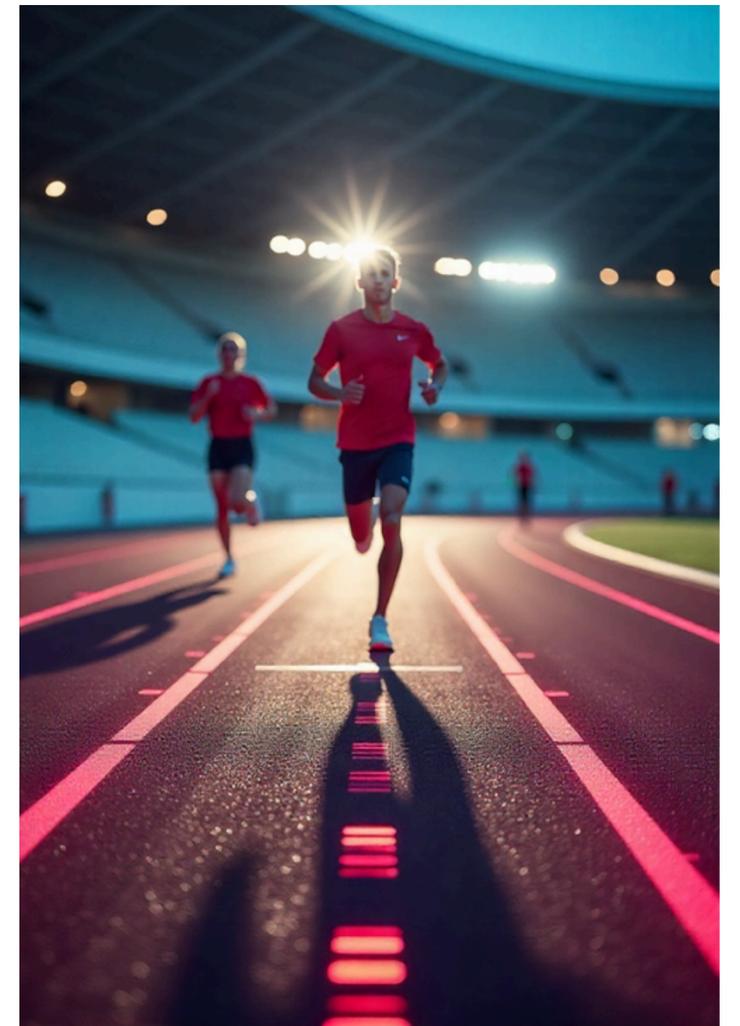
Real-Time Data, Smarter Training, Superior Results

At **Sunflex**, we go beyond traditional tracks. Our smart running tracks offers a state-of-the-art performance diagnostics system designed for athletic tracks and sports fields. This system integrates seamlessly into the track surface, providing real-time data collection and analysis to enhance training and performance outcomes.

Applications and Benefits

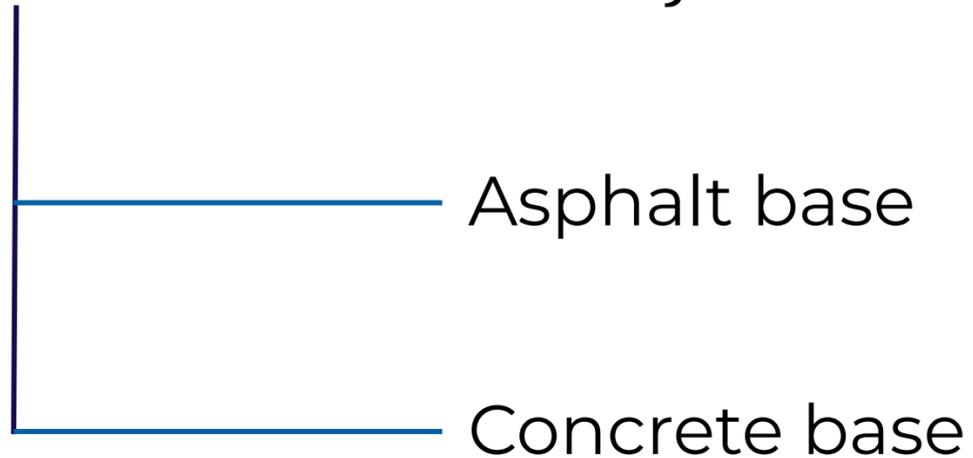
- **Athletic Training:** Coaches and athletes can utilize this data to monitor progress, identify areas for improvement, and tailor training programs to individual needs.
- **User-Friendly Interface:** The system's integration with smartphones and its intuitive app interface ensure ease of use for athletes at all levels, from amateurs to professionals.

By integrating advanced performance-monitoring technology into our tracks, we empower athletes and coaches with real-time data to optimize training, enhance performance, and achieve their best results.



Track Base Construction

Sunflex Smart Track systems are installed over



Important factors for base preparation:

- Sub-grade stability
- Proper compaction using crushed stones/rocks
- Flatness tolerance of asphalt layer
- Surface drainage for water runoff
- Accurate surveying for dimensions and slope



Track Base Construction

Construction of Base Work



Line Marking

Installation is done to meet IAAF line marking and dimensional tolerances



SYSTEM OPTIONS WE OFFER

A clear breakdown to help you choose the right system based on performance, cost, and suitability.

Feature	Spray-on	Sandwich	Full PU	PU Emboss
Cost	Low	Medium	High	Moderately High
Lifespan (years)	2-3 years	5-7 years	5-10 years	10-15 years
Safety Performance	Medium	High	High	High
Warranty	2 years	3 years	5 years	5 years

1 Structural Spray PU System

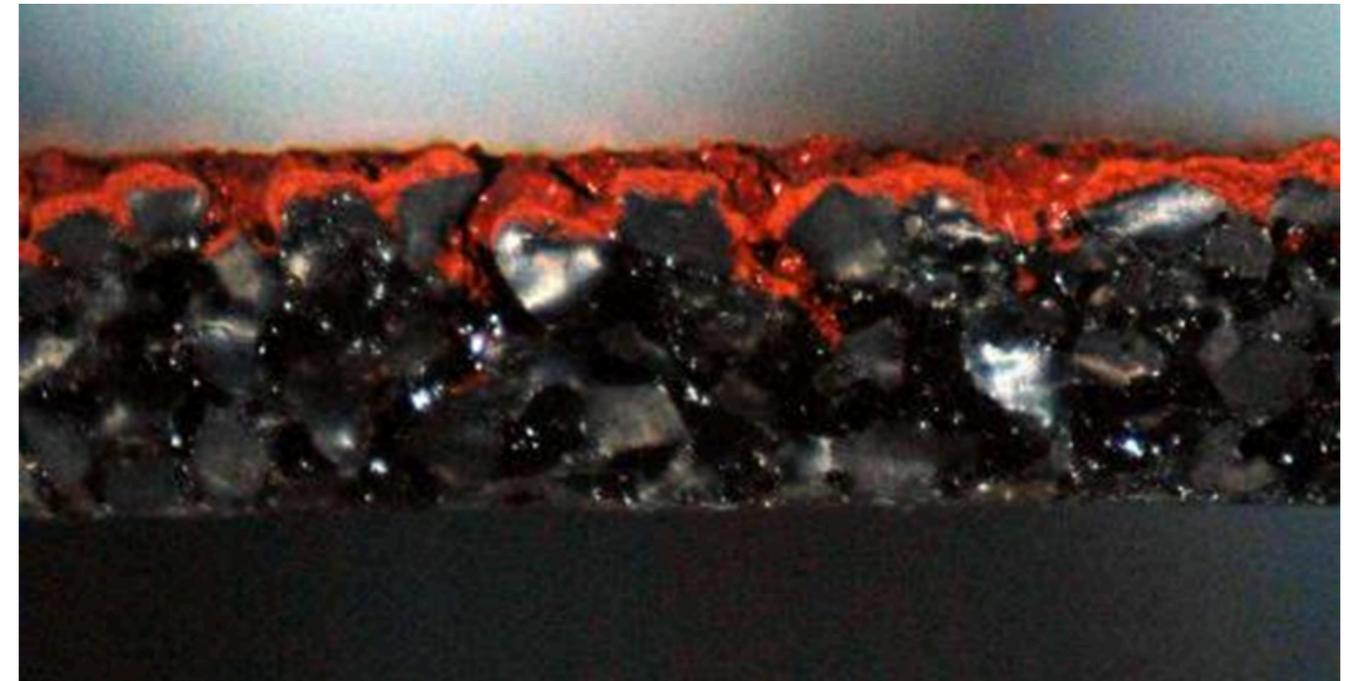
SUNFLEXINDIA.NET

System Overview: A dual-layer in-situ system designed for durability, economy, and compliance with IAAF standards.

Layer Composition

Base Elastic Layer: Installed on-site using Ecolastic SBR granules bound with moisture-cured polyurethane binder. This layer provides elasticity and shock absorption.

Top Structural Layer: A spray-applied coating mixed with fine EPDM rubber granules, forming the wear-resistant, UV-stable surface.



Key Features:

- Suitable for school and recreational tracks
- Moderate shock absorption and slip resistance
- Fast installation and low maintenance
- IAAF-compliant line marking included



Structural Spray PU System

SPRAY- COATING PROCEDURE



2 Sandwich PU System

System Overview: A triple-layer in-situ system combining elasticity, strength, and top-layer resilience — ideal for training and semi-professional stadiums.

Layer Composition

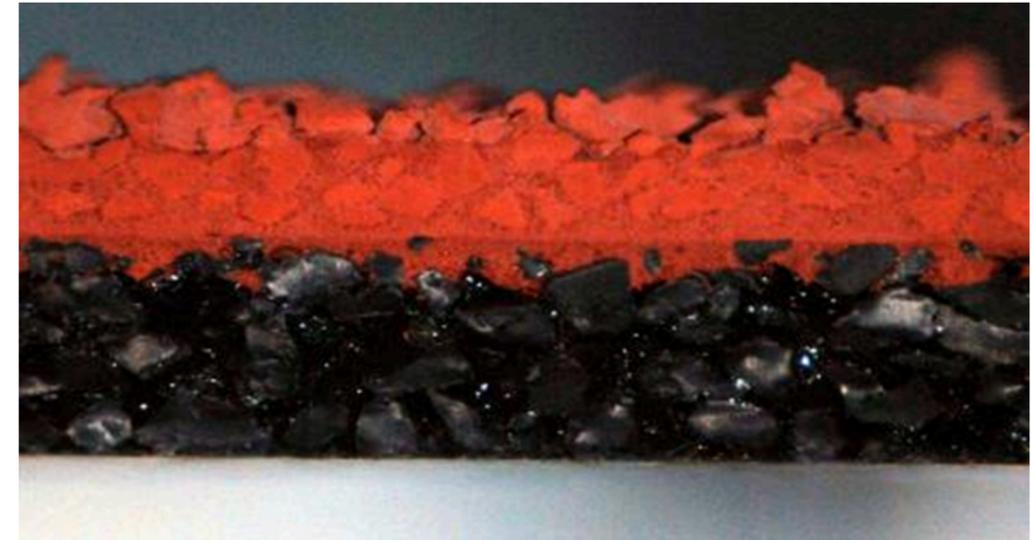
Base Elastic Layer: In-situ paving of Ecolastic SBR granules bonded with PU binder. This ensures shock absorption and long-term durability.

Sealing Layer: Applied over the base to create a non-porous foundation and enhance adhesion with the top coat.

Top Structural Layer: EPDM rubber granules broadcasted onto the top PU coating which forms the final wear layer, offering excellent grip and weather resistance.

Key Features:

- High shock absorption and force reduction
- Longer lifespan: 10–12 years
- Strong surface finish for competitive-level performance
- Fully compliant with IAAF marking and thickness standards



Sandwich PU System

APPLICATION OF SEALING LAYER



3 Full PU System

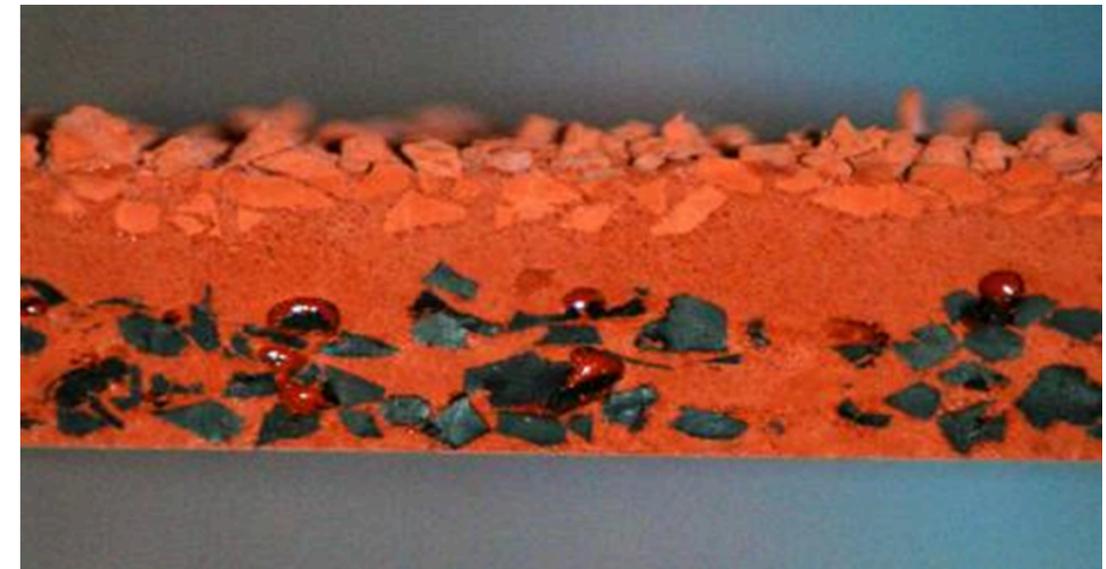
SUNFLEXINDIA.NET

System Overview: A solid, multi-layer polyurethane system engineered for top-level athletics and certified Class 1 tracks.

Layer Composition

Base Elastic Layer: Multi-layer structure of SBR granules mixed or broadcasted into polyurethane coating, built up to deliver excellent elasticity.

Top Structural Layer: EPDM rubber granules broadcasted onto a polyurethane wear layer — designed for maximum grip, wear resistance, and weather durability.



Key Features:

- Designed for international competitions
- Lifespan of 12–15 years with high wear resistance
- Outstanding force reduction and vertical deformation control
- Ideal for stadiums and high-performance venues



Sandwich PU System

BROADCASTING TECHNIQUE



3 PU Emboss System

SUNFLEXINDIA.NET

System Overview: An advanced in-situ polyurethane system with a textured embossed finish that enhances visual appeal and safety.

Layer Composition

Base Elastic Layer: In-situ paved layer of SBR granules bonded with PU binder — offering foundational elasticity.

Top Structural Layer: Polyurethane top coat applied with **PU Chip** embossed texture, providing high durability, grip, slip resistance, and customized finishes.

Key Features:

- Enhanced slip resistance due to embossed texture
- Visually distinctive with customizable surface designs
- Mid-range cost with premium aesthetics
- Suitable for both indoor and outdoor tracks, including multi-use sports areas





WARRANTY & QUALITY ASSURANCE

All our systems are backed by Sunflex manufacturer's warranty ranging from 2 to 15 years, ensuring quality, durability, and peace of mind. This covers,

- Color stability
- Performance degradation
- Component failure or depolymerization
- SMART Track Technology



Base construction



Compaction and Surface Leveling



**Asphalt /Concrete
Finished Surface**



Surface System Installation



Line Marking



Installed & Game-Ready Surface

FROM FOUNDATION TO FINISH SMART TRACKS

Sunflex Handles It All.



SUNFLEXINDIA.NET

PROVEN EXPERTISE. ASSURED PERFORMANCE.



- ✓ All systems tested and certified to World Athletics (IAAF) standards
- ✓ Expert installation teams with strict quality control
- ✓ Wide range of systems tailored for schools, stadiums, and elite competitions
- ✓ Strong track record across India in sports infrastructure
- ✓ Backed by an impressive period of warranty and dependable after-sales support
- ✓ Trusted by institutions that demand performance, durability, and compliance



SUNFLEXINDIA.NET

THANK YOU FOR YOUR TIME!

Every great game starts from the ground up.
Let's build yours right.

GET IN TOUCH

Corporate Office:

Sunflex Sports Infrastructure Pvt. Ltd
B-605/606, City Mall (Mayuresh Trade Center), Sector-
19, Vashi, Navi Mumbai- 400703, India.

Tel :+91-22-41315108

Mob: +91 98198 12403/ +91 91675 83529

Delhi Office: Mr. Umesh Kumar Gupta

Mob: +91 97170 32349 / 7838455337

Email: infosunflex@sunflexindia.net

Website: sunflexindia.net



Scan the QR code to get your
Sunflex Company Profile