



RUNNING

Full Pour

Spray Coating

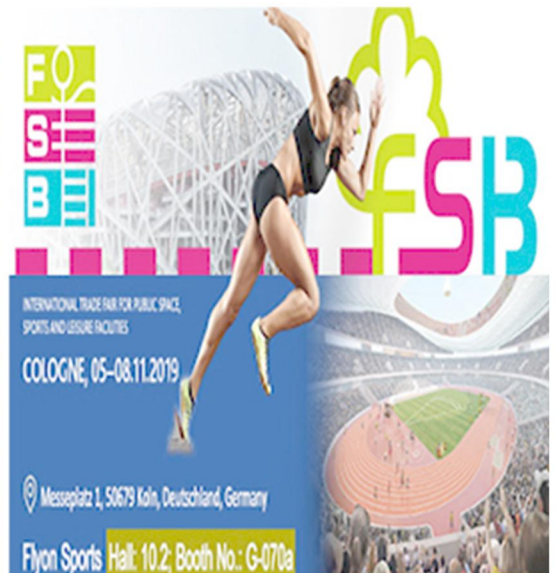
Prefabricated

Sandwich

TRACK



Together with BASF Chemistry, DOW Chemistry and Wanhua Chemical Group Co.,Ltd, we get a solution of sport flooring to be more sustainable, safer and more comfortable. Flyon is one of the world's leading suppliers of innovative chemical products for the sports flooring industry such as running track.



Full Pour System



Features: highest level, longest service life, best eco-friendly, zero maintenance

Base : cement or asphalt

Thickness: 9-15.9MM(or customized)

IAAF Certificate: 13MM & 15.9MM

Project Case



Thickness:13mm

Certificate: IAAF

Color: Blue&Red

Location: Nigeria

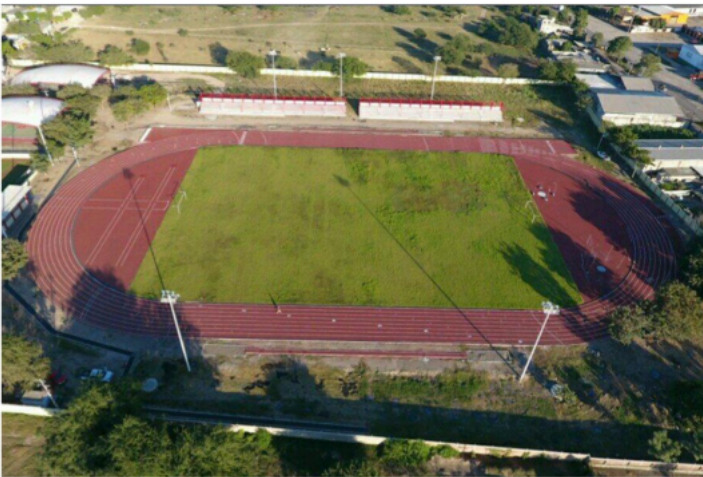
Application: 2022 Nigeria National Sports Festival

Sandwich System



Features: most economical, all weather use, good flatness, perfect for cold area
Base : cement or asphalt
Thickness: 9-13MM(or customized)

Project Case



Thickness: 13mm

Certificate: IAAF

Color: Red

Location: Azua and Salcedo, Dominican Republic

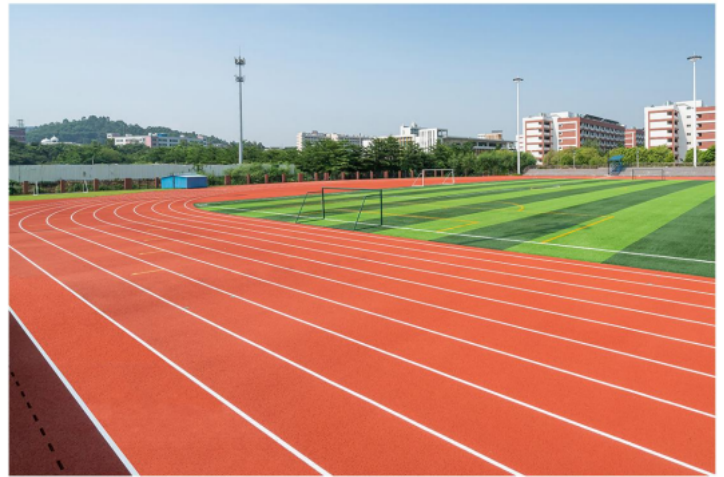
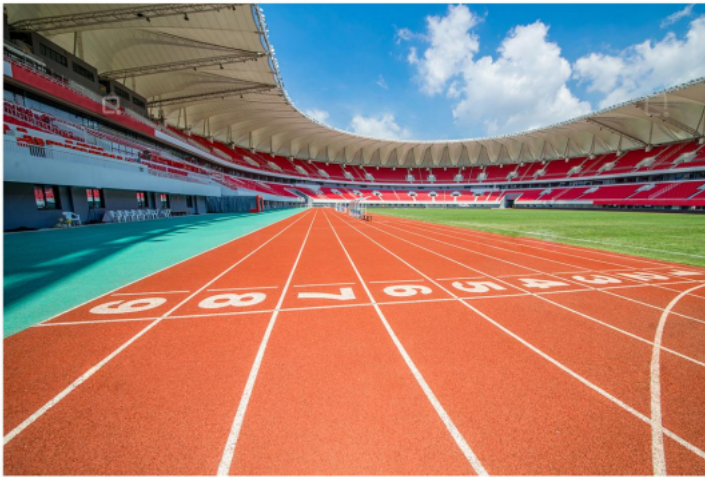
Application: a stadium

Spray Coating System



Features: first choice for all schools and rainy areas, no bubbling, economical
Base : cement or asphalt
Thickness: 9-13MM(or customized)

Project Case



Thickness: 13mm

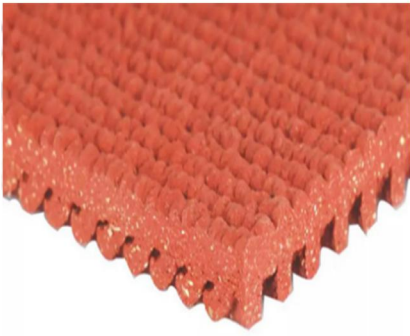
Certificate: IAAF

Color: Red

Location: Myanmar

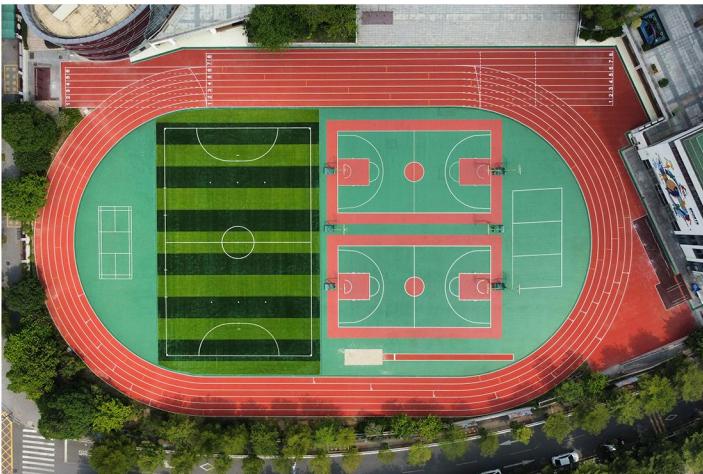
Application: 2022 Southeast Asia
Sports Game

Prefabricated System



Features: prefabricated for easy installation, great sports performance, safe, eco-friendly
Base : cement or asphalt
Thickness: 9-13MM(or customized)

Project Case



Thickness: 13mm

Certificate: IAAF

Color: Red

Location: Betong, Malaysia

Application: International School

Semi-prefabricated System



Features: It is fast to install. Meanwhile, it makes up for the lack of prefabricated system: the surface is seamless.

Base : cement or asphalt

Thickness: 9-13MM(or customized)

Project Case



Thickness: 13mm

Certificate: IAAF

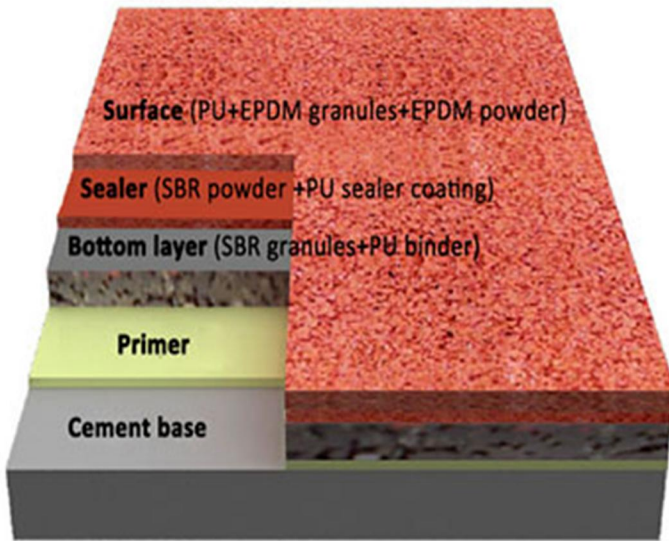
Color: Red

Location: Kailali, Nepal

Application: Military training court

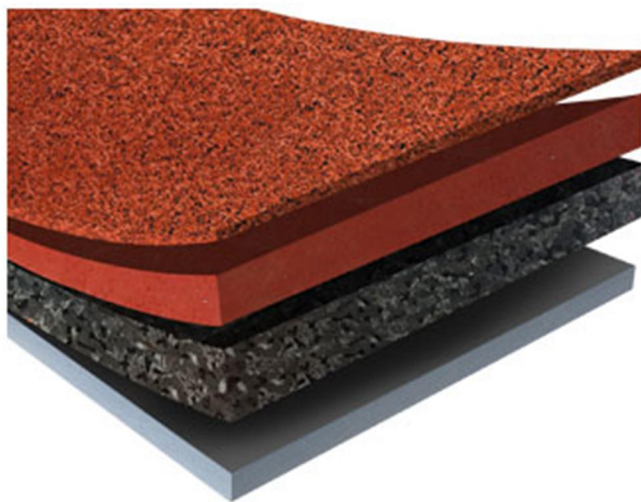
Popular Type Running Track Flooring Diagram

1) Full pour system running track (IAAF)



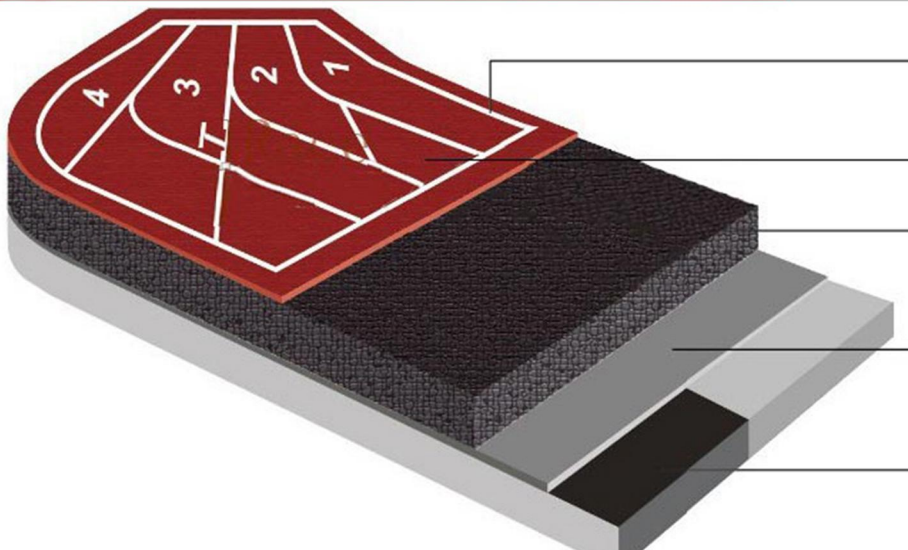
- 4. IAAF Quality**
Acid & Alkali Resistance, aging resistance, UV resistant properties
- 3. Best Eco-friendly**
non-toxin, non-pollution and recyclable
- 2. Longest Service Time**
Around 15 years
- 1. Highest Quality**
perfect for university, stadium, national training center

2) Sandwich system running track



- 4. Surface Broadcast Layer**
Red Full-PU Material
Red EPDM Granule
- Surface Spray-coat layer**
Red PU Spray-coat Material
Red EPDM Granule
- Surface Self Texture Create Spray-coat layer**
Red PU Self Tex
- 3. Seal layer**
Red Full-PU Material
Red EPDM Powder
- 2. Rubber Base Mat Layer**
PU Binder
Recycle Rubber Franule
- 1. Primer Layer**
PU Binder

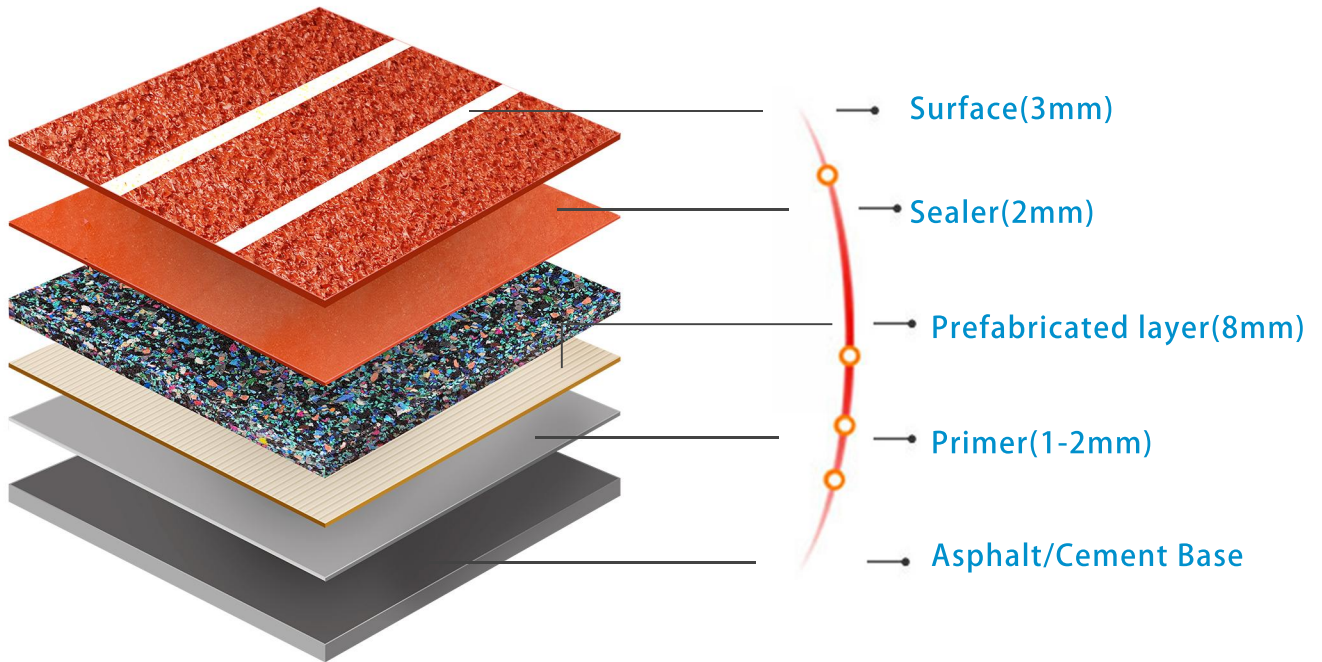
3) Spray coating system running track



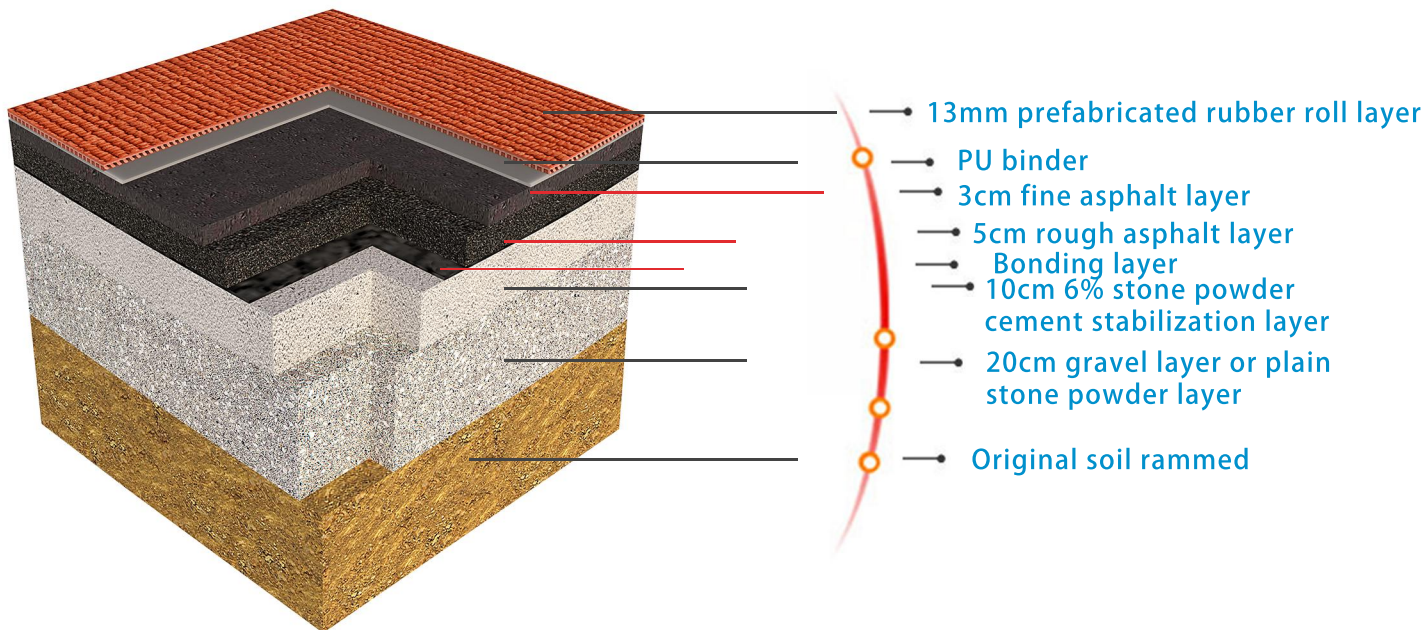
- **Marking Paint**
- **PU Top Coat + EPDM**
- **SBR Layer**
- **Primer**
- **Concrete / Asphalt**

Popular Type Running Track Flooring Diagram

4) Semi-prefabricated system running track (IAAF)



5) Prefabricated system running track (IAAF)



Installation Machine



Spray Machine



Paver Machine



Line Marking Machine



Delivery Package Details



PU Package with **200kg/drum**



SBR&EPDM Package with **25kg/bag**



Delivery Loading Details: One 20GP container loading with **1300sqm**



Production Equipment

The most advanced production equipment with professional technical people and management are prepared to make the quality products and high productivity

Product Laboratory

The company have a highly qualified team, who is always do the innovation, requests the excellent test result: Tensile, Anti-Aging Test Impact absorption test



PRODUCT CERTIFICATE

World Athletics is pleased to certify that the following product meets all the technical requirements of the World Athletics Rules for the relevant competitions.

Product's Trade Name:
Synthetic surface, NUMKRAI-NR Full PUR

Description, Colour/Absolute Thickness:
Full PUR, 13.0mm

Company Name, Country:
Shenzhen Flyon Sports Equipment Co. Ltd., CHN

Catalogue Number:
-

Certification Number:
S-19-0258-A

Test Report by and on:
2427620/1, ISP GmbH, 17 November 2020

Note:
-

Date of Issue:
1 November 2020

Date of Expiry:
November 2024

Issued in accordance with the terms and conditions of the World Athletics Certification System


Jon Ridgeon
World Athletics CEO



IAAF Technical Parameter

A. Buffering, absorb shock by 35-50%

under 10-40 degree(°C)

B. Vertical deformation: 0.62.5

Under 10-40 degree(°C)

C. Friction: Above 0.5 (equals to 47 in tester)

Under Damp conditions

D. Tensile Strength: Min. 40%

Conditions: Layers with air hole 0.4Mpa layer without air hole 0.5Mpa.

Thickness: Standard \geq 13MM

Extra Thickness area: 20-25mm

Auxiliary area: 9mm

Installation Service

With 20 years of installation experience, our installation team are capable of IAAF line marking with certificate. Global Installation Service Available.

Base ground preparation



RUBBER SBR PAVE(12 Days)



Use the Paver Machine and then Making the PU sealer Layer Next step spray surface or Make Epdm Broadcast

Spray Surface 8Days (Use Spray Machine)



Surface EPDM Broadcast



Line Marking



Flyon Instalation Team



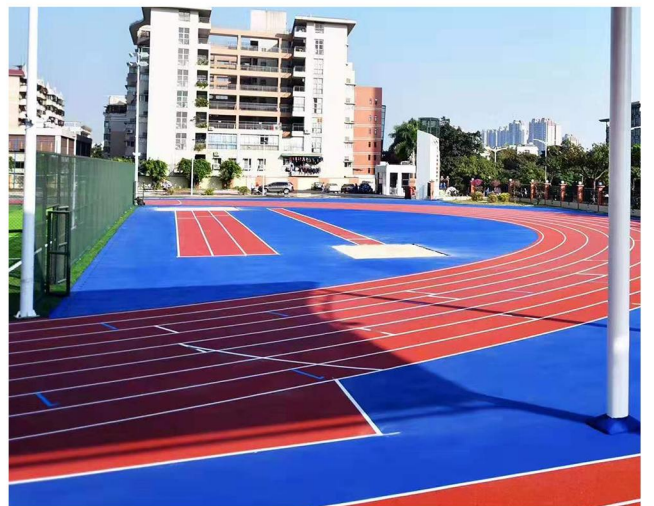
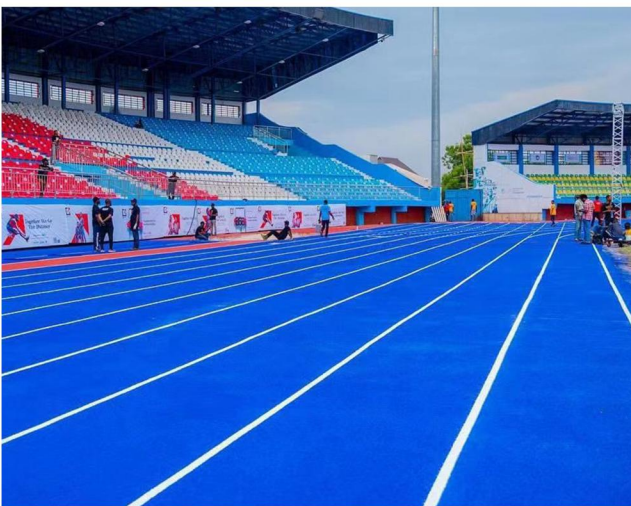
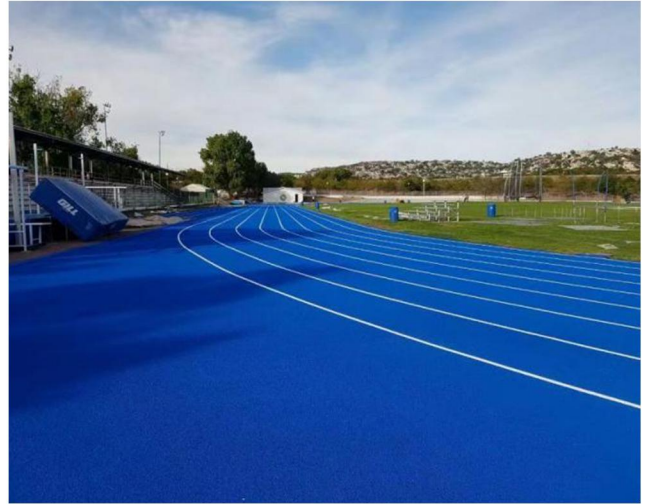
Customer Apprvoed



Project Done



The Projects of Flyon Sports



The Projects of Flyon Sports



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