huadongTRACK
华东跑道

华东控股集团温州康体设备有限公司
HUADONG HOLDING GROUP WENZHOU SPORTS EQUIPMENT CO LTD

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huadongTRACK
华东跑道



Product Selection Guide
产 品 选 型 手 册

The Choice
Of Asian Games
亚运之选 华东跑道

华东控股集团温州康体设备有限公司
HUADONG HOLDING GROUP WENZHOU SPORTS EQUIPMENT CO LTD

30
三十年专注橡胶
产品研究生产

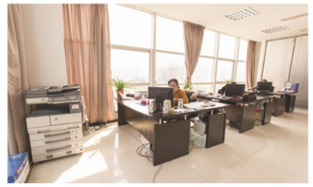
RUNING
ON THE AMAZING TRACK

奔跑在卓越的跑道上 / RUNNING











ABOUT US
关于我们

华东控股集团有限公司于1988年成立，是国内知名橡胶制品生产企业。依托于集团30年橡胶工艺的沉淀，子公司华东控股集团温州康体设备有限公司于2012年成立，主要经营预制型橡胶跑道的研发、生产、销售和施工。公司以科学、环保、创新为主要方针，以生产可持续的绿色环保产品为方向，所生产的运动场地弹性面层产品市场占有率名列前茅。2022年10月，中国田径协会更是将第一个A级运动场面层审定证书颁给了我们。

Huadong holding group wenzhou sports equipment co., ltd. Was established in 2012, specialize in the production, sales and construction installation of prefabricated athletic rubber track. Relying on the precipitation of rubber technology from huadong holdings group co ltd, a famous rubber product manufacturer established in 1988,huadongtrack has strong technical development strength and has top-class equipment for inspection and testing. By oct of 2022, huadongtrack is the first track manufacturer awarded with class a product certificate by china athletic associate.

华东控股集团温州康体设备有限公司为国家高新技术企业、浙江省科技型企业、浙江省体育产业示范单业，公司通过了ISO9001质量管理体系、ISO14001环境管理体系及ISO45001职业健康安全管理体系三大体系认证。依靠专业的技术研发团队和一流的生产及检测试验设备，公司生产的“华东跑道”牌预制型橡胶跑道拥有国际田联产品认证、中国田径协会A级审定证书、欧洲EN14877、美国UL认证、CQTA品质认证等各种行业相关认证。

Huadongtrack is a national high-tech enterprise, zhejiang high-tech enterprise, and sport industry demonstration enterprise in zhejiang province.The company has passed three major system certifications: iso9001 quality management system, iso14001 environmental management system, and iso45001 occupational health and safety management system. Rely on professional technical research and development team and first-class production and testing equipment. Huadongtrack gained various industry-related certifications such as world athletic product certificate, the china athletic associate class a product certificate, european en14877, greenguard gold class certificate, cqta quality certification and so on.

TECHNOLOGY R & D
技术研发

华东跑道的研发已形成了以集团技术开发中心、专业技术处为主体的多层次开放式技术开发网络，使产品开发从＂跟随型＂向＂领先型＂发展。在生产上，我们通过引进并学习先进自动化、可持续性生产的预制型橡胶跑道生产线，使我们的生产作业能实现连续不间断的硫化与二次硫化定型、冷却。在取材用料工艺上，采用先进的闭孔微发泡技术和过氧化物连续硫化工艺，使其产品运动特征更加优秀，抗钉刺和抗磨耗性更加卓越。华东跑道坚持走技术兴企之路，自主创新，硕果累累。

Huadongtrack R&D has developed a multilayer technical development network, causing the Product development transforms from "Following Type" to "Leading Type". In recent years, Huadongtrack introduces prefabricated type rubber track production line, which has most advanced, automatic, continuous production in the world, The production carries out automatic feeding, automatic rolling and resurrection, uninterrupted sulfuration and secondary sulfuration and molding at normal atmosphere. In terms of material selection process, it adopts advanced closed-cell micro-foaming technical and continuous peroxide vulcanization process so that its product has more excellent characteristics in abrasion and anti-spike. Huadongtrack persist in walking the way of booming the enterprise by technology, carries out self-dependent innovation and enhance technical R&D so as to achieve fruitful results.

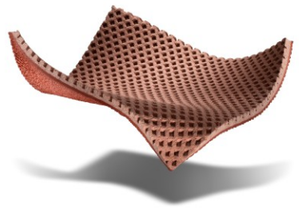






From raw materials to production
从原料到生产 层层把关





PAST/PRESENT/FUTURE
过去 / 现在 / 未来

2014年，仁川亚运会主场馆跑道亮相，湖蓝色的“华东跑道”牌预制型橡胶跑道惊艳全场，这不仅使华东跑道获得国际田联一类场地认证，更象征着国产预制型跑道打破了被国外的企业在洲际及以上级赛事面层使用上的垄断局面。

在国外，华东跑道远销美国、俄罗斯、罗马尼亚、尼日利亚、西班牙、卡塔尔等全世界60多个国家与地区，参与各类大型体育场地的建设。在国内，华东跑道也在越来越多的城市体育中心有了自己的印迹。同时我们也致力于将预制型橡胶跑道推广至学校领域，为青少年提供更加环保健康的运动及活动场所。

与奥运“更快、更高、更强”的极致精神一样，华东跑道也希望能迈出“更快”的步伐，踩着“更稳”的路面，走出“更远”的征途，带着中国制造的预制型橡胶跑道走进奥运会比赛现场。

In 2014, the athletic track of the main venue of the Incheon Asian Games was unveiled, and the blue track by Huadongtrack, prefabricated rubber track stunned the entire venue. This not only enabled Huadongtrack to get the IAAF Class I Athletics Facility Certificate, but also symbolized that the China-made prefabricated athletic track has broken the monopoly situation of foreign brands in the use of athletic track for large-scale sports events.
Huadongtrack has exported to Nigeria, USA, Peru, South Korea, Russia, Spain, Qatar and many other countries.Domestically, Huadongtrack has also made its mark in more and more urban sports centers. At the same time, we are also committed to promoting the prefabricated athletic track to the school field to provide more environmentally friendly and healthy sports and activity venues for youth. Like the ultimate spirit of "faster, higher and stronger" in the Olympic Games, Huadongtrack also hopes to take a "faster" pace, step on a "more stable" road, and embark on a "further" journey, with The prefabricated athletic track made in China move towards the Olympic venues.

huadongTRACK
华东跑道

www.huadongtrack.com

CERTIFICATE & TESTING
证书测试




检 测 报 告
Test Report

质量管理体系认证证书

Laboratory Report AQ-0304/4
Huadongtrack
Athletics track surfacing


PRODUCT CERTIFICATE

CLASS 1 ATHLETICS FACILITY CERTIFICATE

CLASS 1 ATHLETICS FACILITY CERTIFICATE

高新技术企业

CQTA
品质验证书

CERTIFICATE
OF COMPLIANCE
Huadong Holding Group Wenzhou Sports Equipment Co., Ltd.
CERTIFICATE
OF COMPLIANCE
Huadong Holding Group Wenzhou Sports Equipment Co., Ltd.


CFEBS
预制型橡胶运动场服务能力资质认证证书
AAAA级

实用新型专利证书

WA世界田径产品认证
WA世界田径I类场地认证
中国田协A级审定产品
中国田协一类场地认证
中国环境标志产品II型认证
CQTA品质验证
运动场服务能力资质认证

高新技术企业证书
GB36246-2018新国标产品
GB14833-2020国标产品
SGS（瑞士通标）标准测试
DIN（德国）标准测试
En（欧盟）标准测试
ASTM（美国）标准测试
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The Choice Of Aisan Games
亚运之选 华东跑道

预制型环保橡胶跑道
PREFABRICATED ENVIROMENTAL RUBBER TRACK



产品规格 Product MEAS

卷宽 Width：1.22m　厚度 Thickness: 9mm~13mm
卷长 Length: 15~20m

颜色范围 Color Range

产品属性 Product Character

特优性能产品，科技与概念的完美呈现
Excellent performance of products, perfect matching of technology and concepts

适用范围 Application

奥运会比赛及训练场地，洲际运动会及训练场地，国家级运动会及训练场地
Olympic Games and Training Venues, Intercontinental Games Competitions and Training Venues, National Games and Training Venues

产品特点 Product Feature

面层与底层材质相同，采用纯天然橡胶配以少量环保助剂优制而成，使用年限长达20年
The surface layer is the same as the bottom layer material, and is made of pure NB with a small amount of environmental protection additives. The duration is up to 20 years.



预制型环保橡胶跑道
PREFABRICATED ENVIROMENTAL RUBBER TRACK



产品规格 Product MEAS

卷宽 Width：1.22m　厚度 Thickness: 9mm~13mm
卷长 Length: 15~20m

颜色范围 Color Range

产品属性 Product Character

针对广大高中端田径场地，适中的产品价格，高端的产品体验
For the majority of high-end track and field venues, moderate product prices, high-end product experience

适用范围 Application

任何形式田径运动标准比赛、训练场地，包括大学，中学，小学校教学,体育中心运动场等
Any kinds of track and field sports standard competitions, training venues, including universities, secondary schools, primary school teaching, sports center sports grounds, etc.

产品特点 Product Feature

采用双层一体结构设计，面层4mm厚，底层9mm厚，颜色相近，更彰显彩色质感，产品由天然橡胶及合成橡胶配以环保助剂优制而成，使用年限15年。
It adopts double-layer integrated structure design, the surface layer is 4mm thick, the bottom layer is 9mm thick, the color is similar, and the color texture is more obvious. The product is made of natural rubber and synthetic rubber with environmental protection additives, and the service life is 15 years.



预制型环保橡胶跑道
PREFABRICATED ENVIROMENTAL RUBBER TRACK



产品规格 Product MEAS
卷宽 Width : 1.22m　厚度 Thickness: 9mm~13mm
卷长 Length: 15~20m

颜色范围 Color Range

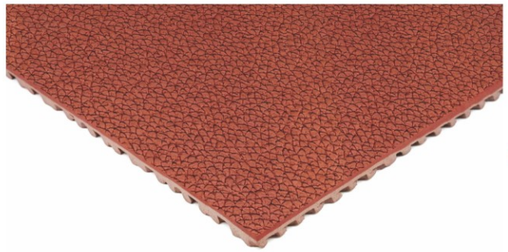
产品属性 Product Character
高性价比的市场定位，其优越的环保及物理性能，深受国内外客户的青睐
Cost-effective market positioning, its superior environmental and physical properties, favored by domestic and foreign customers

适用范围 Application
体育公园健身步道、大学、中学，小学田径运动场地、残疾人士及长者活动场所、福利院健身场地等
Sports park fitness trails, universities, secondary schools, primary school athletics venues, disabled and elderly activity venues, welfare homes, etc.

产品特点 Product Feature
采用4mm厚彩色面层，9mm厚灰色底层的双层一体结构设计，绿色环保，可通过各类行业标准场地验收及产品检测，为仁川亚运会主、副田径场唯一使用的跑道材料，并获得国际田联一类场地验收，使用年限10年
It adopts 4mm thick color surface layer & 9mm thick gray bottom layer double-layer integrated structure design, which is green and environmentally friendly. It can pass the inspection and product inspection of various industry standards, and is the only runway material used by the main and auxiliary track and field fields of Incheon Asian Games,which won IAAF Class 1 Facility Certificate. Up to 10 years of warranty.



多功能球场系列
JOYPLAY MULTIFUNCTION SPORT SURFACE



产品规格 Product MEAS
卷宽 Width : 1.22m　厚度 Thickness: 6mm~9mm
卷长 Length: 15~20m

颜色范围 Color Range

产品属性 Product Character
高密度弹性耐磨橡胶，配合荔枝纹，极大满足了多种运动项目的需求
High-density elastic wear-resistant rubber, with lychee pattern, greatly meets the needs of a variety of sports

适用范围 Application
高密度弹性耐磨橡胶，配合荔枝纹，极大满足了多种运动项目的需求
High-density elastic wear-resistant rubber, with lychee pattern, greatly meets the needs of a variety of sports

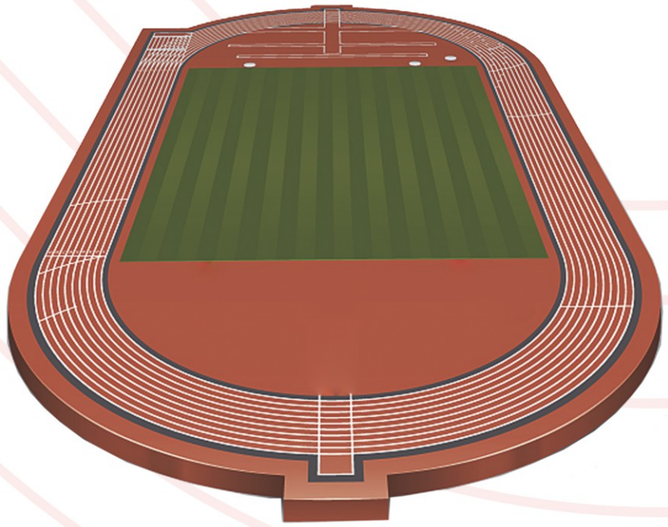
产品特点 Product Feature
是一种预制型橡胶运动场地面层，为索契冬奥会开幕式场地所选用，表面所选荔枝纹路是无数种运动与健身类场地的极佳之选
It is a prefabricated rubber sport ground floor selected for the opening ceremony of the Sochi Winter Olympic Games. The selected lychee pattern on the surface is an excellent choice for countless sports and fitness venues.

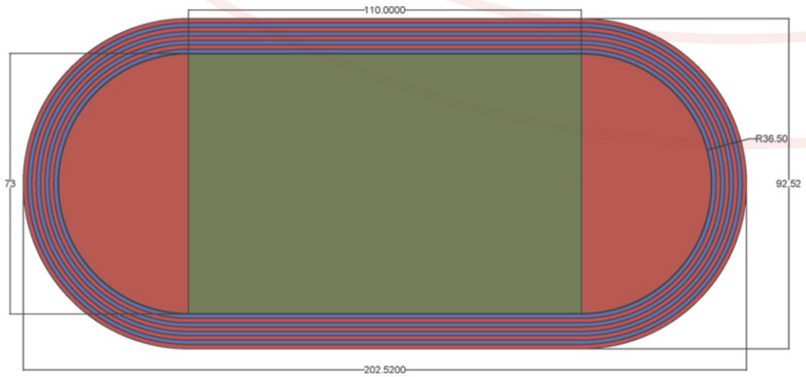


工程服务
ENGINEERING SERVICE

华东康体，从成立起就秉持专业的服务理念，从场地地基勘察，到咨询建议，从方案设计，到工程铺装，我们提供一站式的工程服务。我们已先后安排我司工程师前往国外提供专业铺装辅导多达百次。无论是大型体育中心，亦或是体育训练场，或是中小学体育运动场，我们都有能力成为您背后的原动力，为您服务。

Huadong Track, since its inception, upholds professional service concepts, from site foundation surveys, to advice suggest, from project design to engineering paving, we provide one-stop engineering services. We have successively arranged our engineers to go abroad to provide professional pavement coaching up to 100 times. Whether it is a large-scale sports center, or a sports training ground, or a sports field in primary and secondary schools, we all have the ability to become the driving force behind you and serve you.





专用粘接剂
SPECIAL ADHESIVE









工程案例
PROJECT

17th Asian Games
INCHEON 2014

IAAF Athletics

2014 韩国仁川亚运会主体育场/国际田联I类场地
2014 Korea Incheon Asia Game Main Stadium / IAAF Class 1 Facility Certified



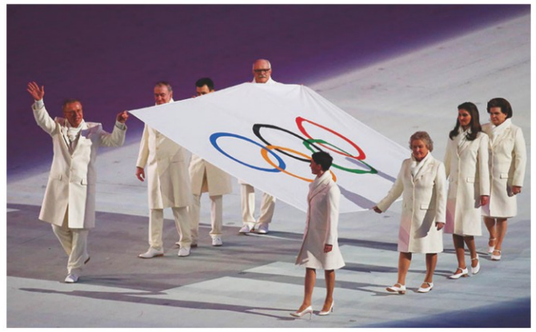
工程案例
PROJECT

“所有13300平方的场地使用了华东品牌的乐踏系列产品，这是一款为我们定制的产品。华东在发货之前对这个项目一无所知，同时他们在很匆忙的交期内完成了生产，因此我感到万分的感激。”

—— F (索契冬奥会承包商)

“All the 13300sqm area are applied by HD-JOYPLAY item which is customized for us,。HD has no clue of this project before the goods shipped, while they completed the production within super tight schedule. And I highly appreciate for it .”

—— F (Sochi W Olympic Contractor)







sochi.ru 2014

OPENING CEREMONY OF SOCHI WINTER OLYMPIC GAMES
俄罗斯索契冬奥会开幕式



工程案例
PROJECT

世界田径I类场地/中国田协一类场地
WA Class 1 Facility Certified / CAA Class 1 Facility Certified



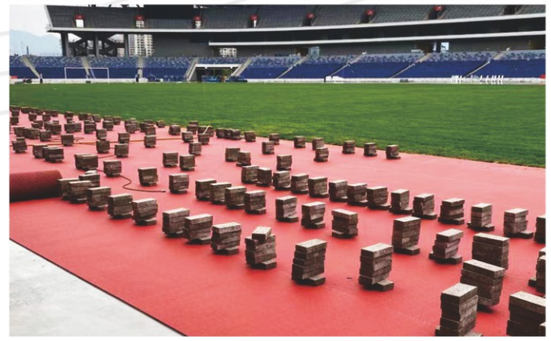


衢州市体育中心
Quzhou Sports Campus

世界田径I类场地/中国田协一类场地
WA Class 1 Facility Certified / CAA Class 1 Facility Certified







温州奥林匹克体育中心
Wenzhou Olympic Sports Center Stadium

工程案例
PROJECT

中国田协二类场地认证
CAA Class 2 Facility Certified



安阳体育中心
Anyang Sport Center

学校类案例
SCHOOL PROJECT



台湾台北市私立静心中小学
Taiwan Taipei Private Jinxin Middle School

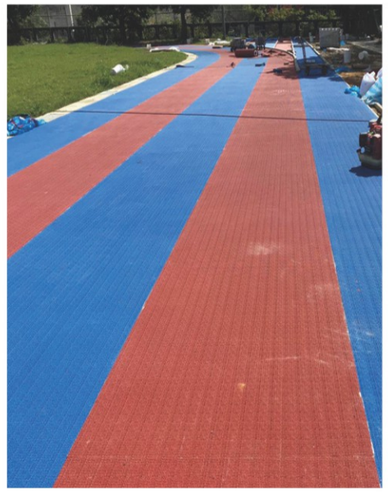




台湾台北市华江国民小学
Taiwan Taipei Huajiang Public Primary School

学校类案例
SCHOOL PROJECT





台北市文山区明道国民小学
Taipei Mingdao Public Primary School

中国田协二类场地认证
CAA Class 2 Facility Certified



南京六合中等专业学校
Nanjing Liuhe Technical School





南京市第一中学
Nanjing NO.1 Middle School



南京市六合区冶山初级中学
Nanjing Liuhe District Yeshan Junior High School

学校类案例
SCHOOL PROJECT



南京市岱山南侧初级中学
Nanjing Daishan South Junior Middle School



南京大新小学
Nanjing Dashan Primary School



南京双语小学雄州分校
Jiangsu Nanjing Liuhe Technical School



南京师范大学附属中学燕子矶新城学校
High School Affiliated to Nanjing Normal University Yanziji Xincheng School

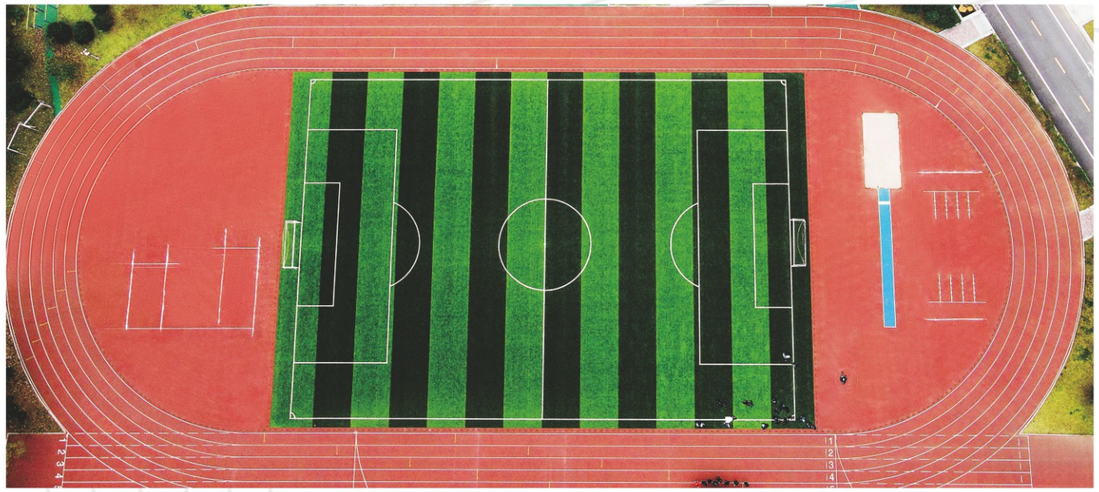
学校类案例
SCHOOL PROJECT



江苏南京建邺区海峡城小学
Jiangsu Nanjin Jianye District Strait City School



江苏南京栖霞区瓜埠桥小学
Jiangsu Nanjing Qixia Guabuqiao School



南京瓜埠初级中学
Jiangsu Nanjing Qixia Guabuqiao School



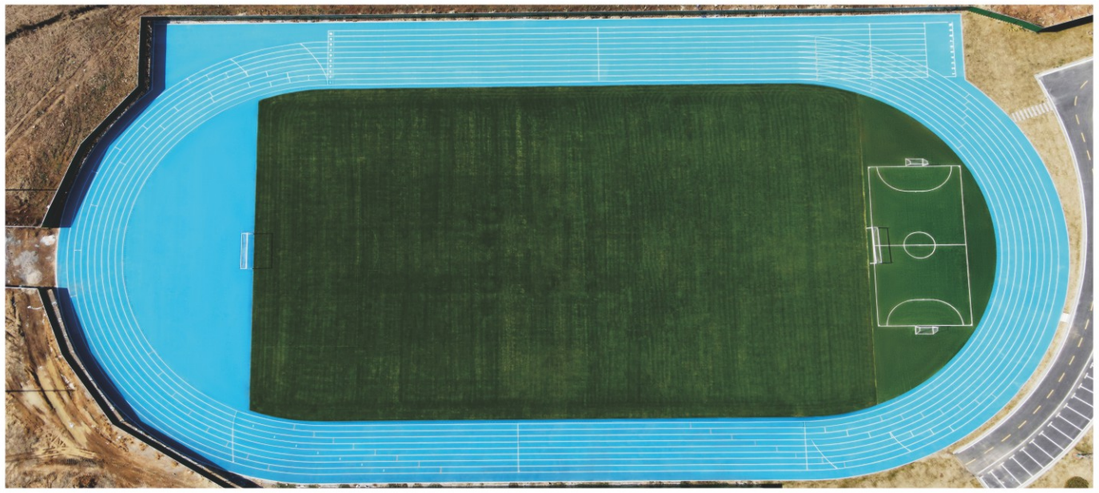
江苏南京六合马集小学
Jiangsu Nanjing Liuhe Maji Primary School

学校类案例
SCHOOL PROJECT





江苏南京雨花区软件谷小学
Jiangsu Nanjing Yuhua Software Valley School



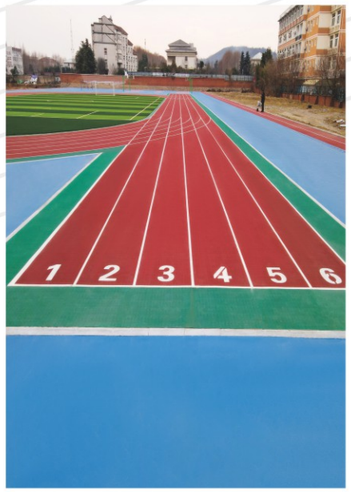
南京信息工程大学金牛湖校区
Nanjing University of Information Science & Technology:Jinniuhu Campus





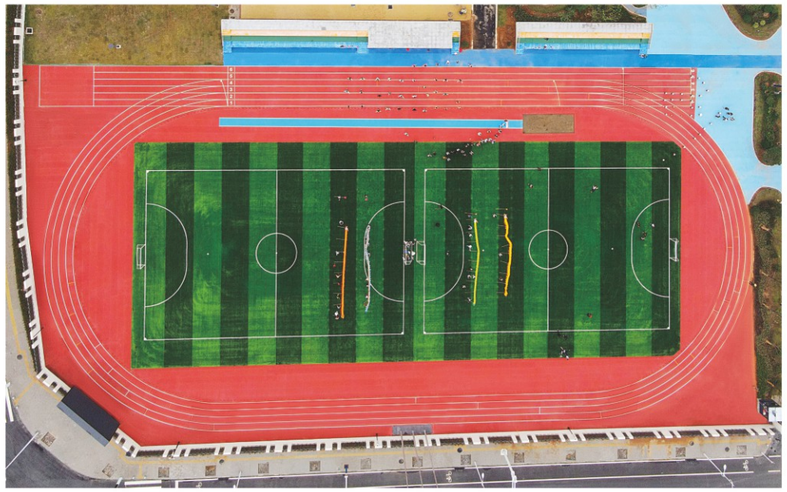
合肥市科大附中高新中学
Gaoxin Middle School Attached to USTC





安徽蚌埠陆军装甲兵学院
Anhui Bengbu Army Armor Academy

学校类案例
SCHOOL PROJECT





北师大铜陵实验学校
Tongling Experimental School of Beijing Normal Universit



合肥市腾飞学校淮南路校区
Huainan Road Campus of Hefei Tengfei School

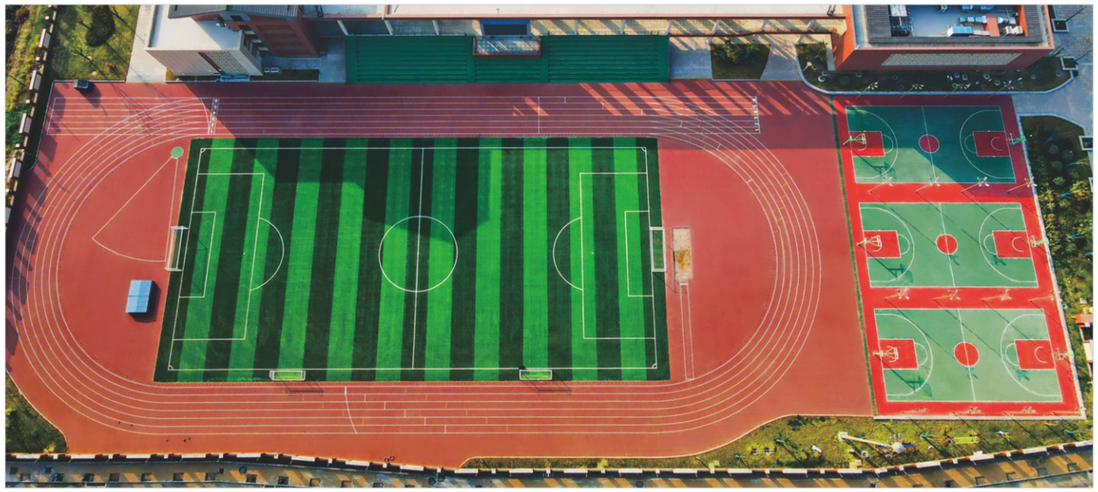


合肥市同安小学
Hefei Tongan Primary School



合肥市四十八中
Jiangsu Nanjing Qixia Guabuqiao School

学校类案例
SCHOOL PROJECT



合肥市特殊教育中心
Jiangsu Nanjing Qixia Guabuqiao School



安徽合肥市肥东县梁园中心学校
Jiangsu Nanjing Qixia Guabuqiao School



合肥市湖南路幼儿园
Jiangsu Nanjing Qixia Guabuqiao School



安徽合肥市南岗幼儿园
Anhui Hefei Nangang Kindergarden

学校类案例
SCHOOL PROJECT



北京第一实验小学
The Beijing NO.1 Experimental Elementary School



北京三义里小学
Beijing Sanyili Primary School

中国田协二类场地认证
CAA Class 2 Facility Certified



浙江宁波奉化中学
Zhejiang Ningbo Fenghua High School



浙江淳安中学
Chun'an High School Zhejiang Province



乐清市柳市中学
Yueqing Liushi High School

学校类案例
SCHOOL PROJECT



乐清市职业中等专业学校
Yueqing Vocational Secondary School

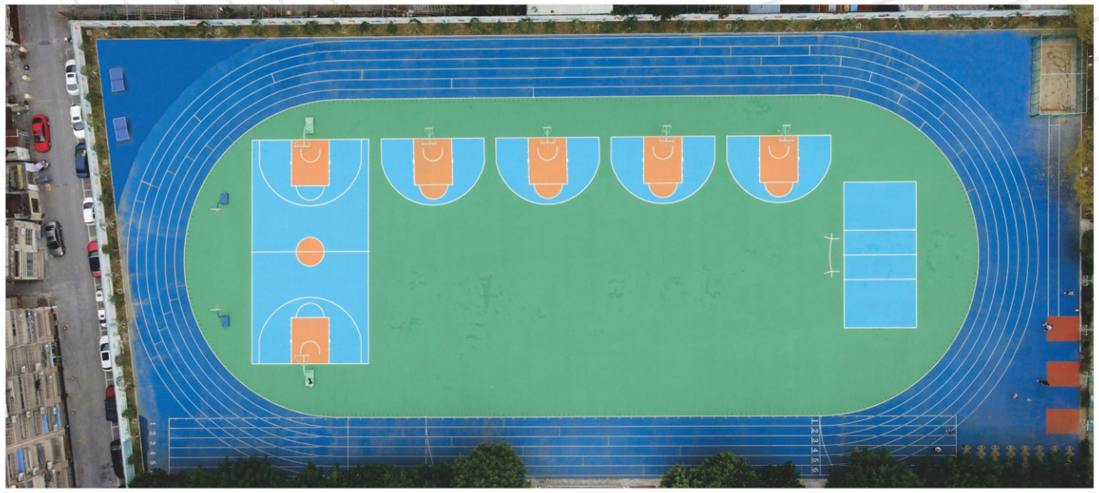
中国田协二类场地认证
CAA Class 2 Facility Certified



乐清市虹桥职业技术学校
Yueqing Hongqiao Vocational & Technical School



乐清市兴乐中学
Yueqing Xingle Middle School



乐清市建设路小学
Yueqing Jianshe Road Primary School

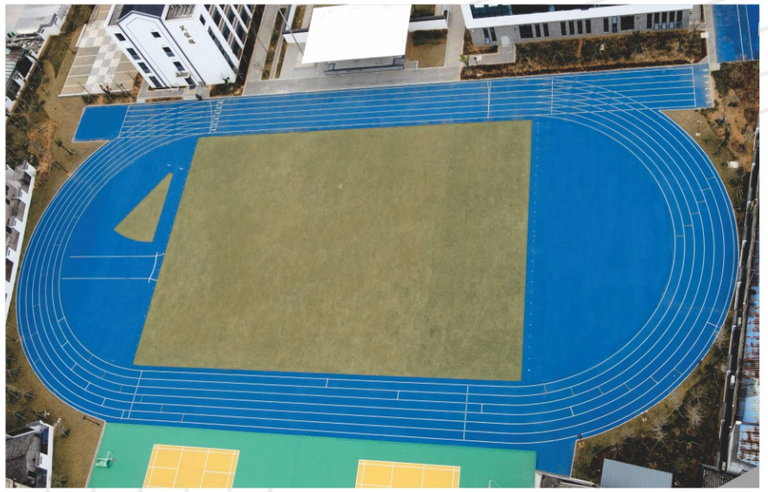
学校类案例
SCHOOL PROJECT

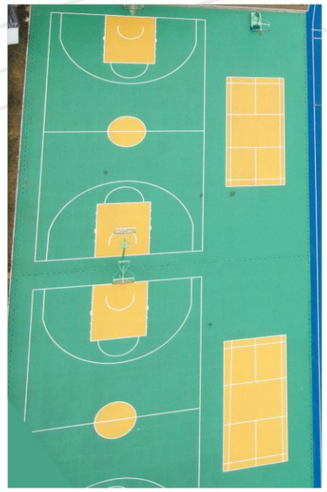


乐清市丹霞路小学
Yueqing Danxia Road Primary School

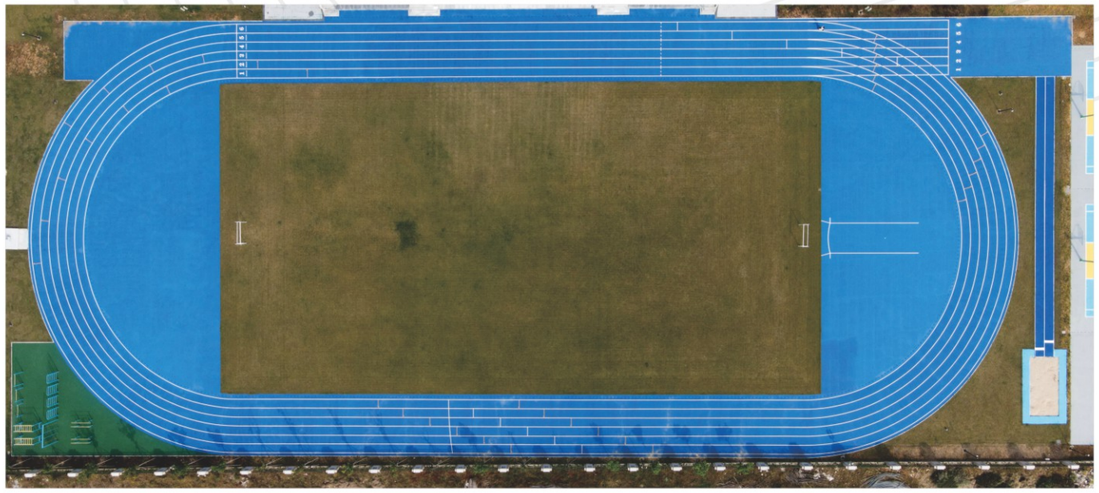


乐清市晨曦路小学
Yueqing Chenxi Road Primary School





乐清市芙蓉镇一小
Yueqing Furong No.1 Primary School



乐清市虹桥第一小学
Yueqing Hongqiao No.1 Primary School

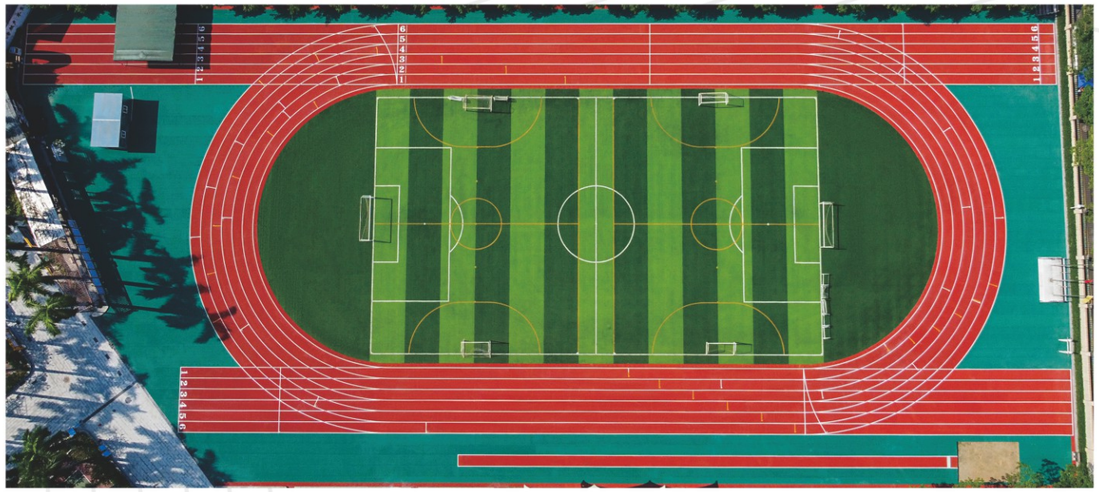
学校类案例
SCHOOL PROJECT



乐清市石帆三小
Yueqing Shifan No.3 Primary School



深圳中学初中部
Junior High School of Shenzhen Middle School



深圳楼村小学
Shenzhen Loucun Primary School



深圳龙华区教科院附属学校
Affiliated School of Shenzhen LHIES

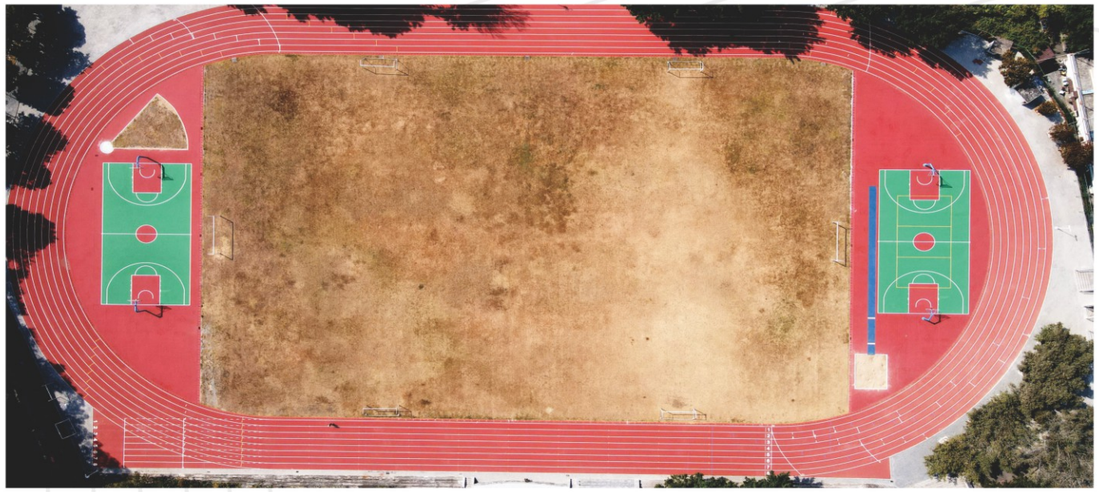
学校类案例
SCHOOL PROJECT



广东珠海拱北中学
Guangdong Zhuhai Gongbei High School



广东珠海凤凰中学
Guangdong Zhuhai Phoenix High School



广东珠海南屏中学
Guangdong Zhuhai Nanping High School



四川成都七中
Sichuan Chengdu No.7 High School

学校类案例
SCHOOL PROJECT



四川成都川师附小
Sichuan Chenngdu Normal Normal Primary School



四川成都第三中学
Sichuan Chengdu No 3 Middle School



四川成都盐道街小学
Sichuan Chengdu Yandaojie Primary School

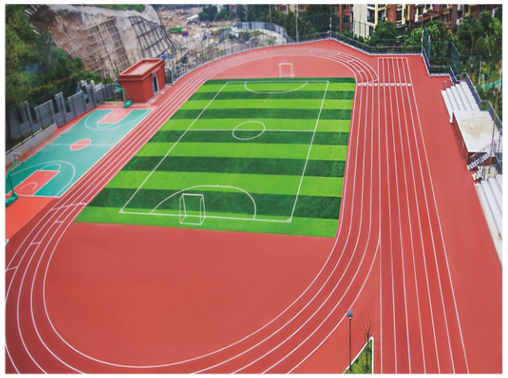


四川邻水鼎屏第三小学
Sichuan Linshui Dingpin NO.3 Primary School

学校类案例
SCHOOL PROJECT



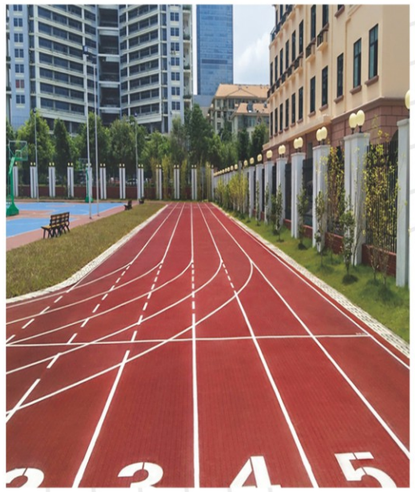
南宁职业技术学院
Nanning College for Vocational Technology



贵州贵阳景怡东苑学校
Guizhou Guiyang Jingyi Dongyuan School



广西南宁凤翔路小学
Guangxi Nanning Fengxianglu Primary School





广西南宁月亮湾小学
Guangxi Nanning Moonbay Primary School



广西南宁琅东小学
Guangxi Nannin Langdong Primary School

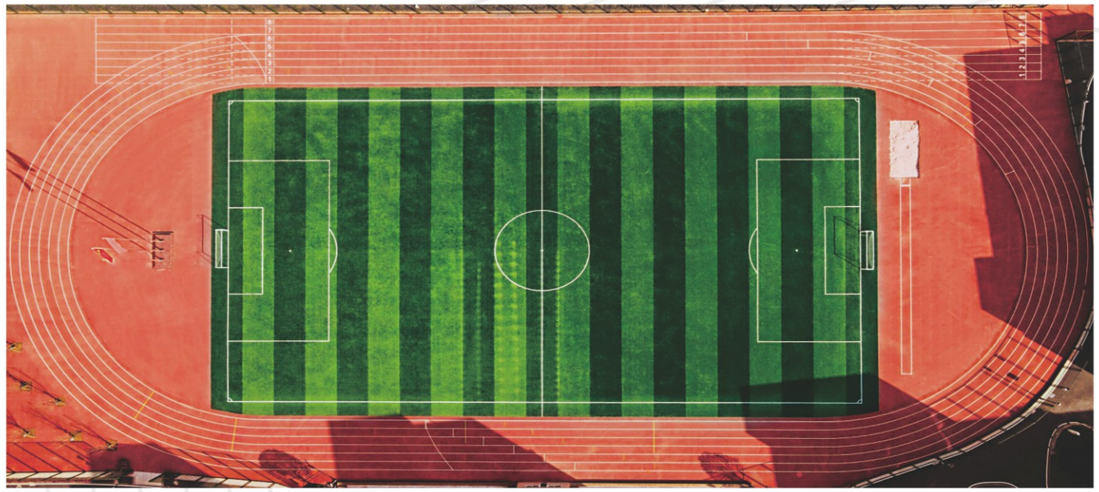
学校类案例
SCHOOL PROJECT



莆田湄洲湾职业技术学院
Putian Meizhouwan Technology School



北京外国语大学附属西南学校
Southwest School Affiliated to Beijing Foreign ChineseUniversity



贵州贵阳万花城小学
Guizhou Guiyang Wanhua City Primary School





北师大贵阳附中
Beijing Normal University Guiyang High School

学校类案例
SCHOOL PROJECT



湖南长沙市火炬中学
Hunan Changsha Torch Middle School



湖南长沙市朝阳小学
Changsha Chaoyang Primary School

体育中心案例
STADIUM PROJECT

中国田协二类场地认证
CAA Class 2 Facility Certified

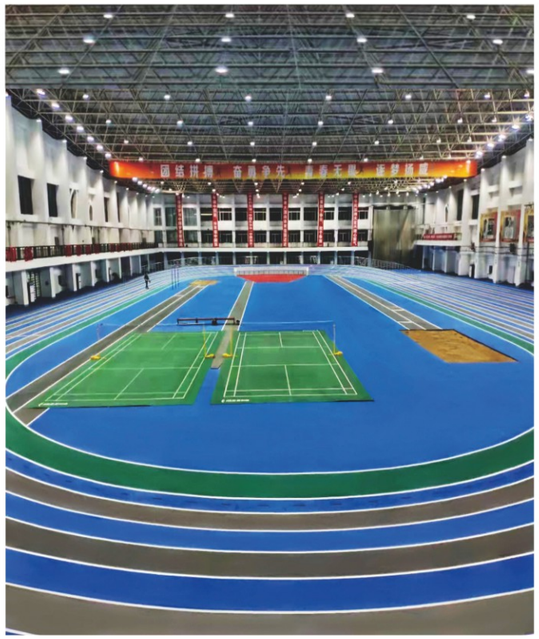


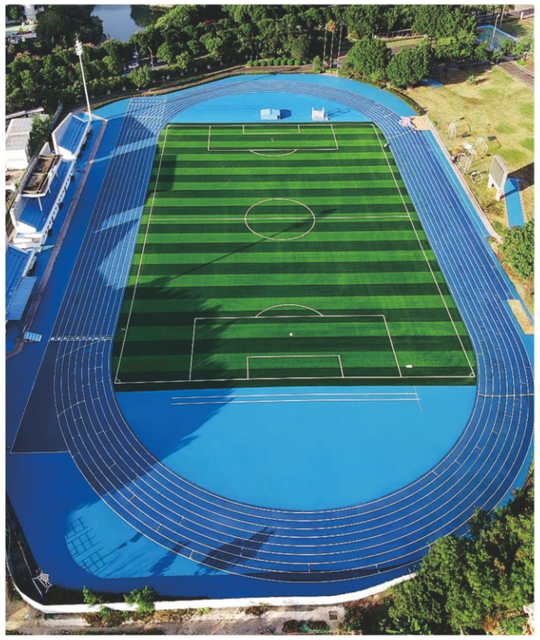


南京市体育训练中心
Nanjing Sports Training Center

体育中心案例
STADIUM PROJECT

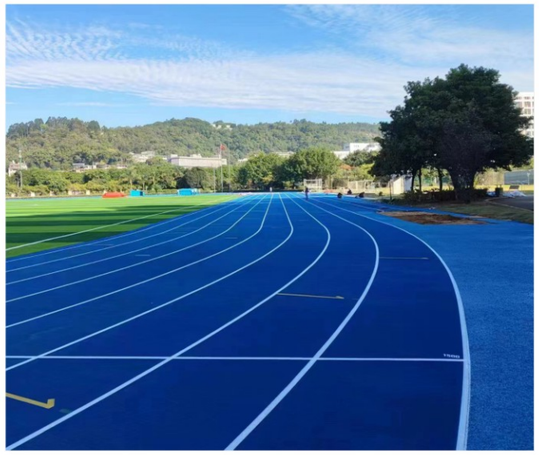
中国田协二类场地认证
CAA Class 2 Facility Certified







河南省田径运动管理中心室内运动场
He'nan Athletics Administrative Center Gym



福州残疾人运动管理中心运动场
Fuzhou Disabled Sports Management Center



四川广安邻水体育场
Sichuan Guangan Linshui Stadium

体育中心案例
STADIUM PROJECT

世界田径二类场地认证
WA Class 2 Facility Certified





马来西亚砂劳越州立体育馆
Malaysia Sarawak State Stadium







印度尼西亚卡拉旺体育馆
Indonesia Karawang Stadium

体育中心案例
STADIUM PROJECT





俄罗斯 Chelyabinsky 室内田径训练中心
Chelyabinsky indoor track and field training center in Russia



俄罗斯 Energia 体育场
Energia Stadium in Russia







西班牙 Rota 田径训练场
Spain Rota Athletic Training Camp

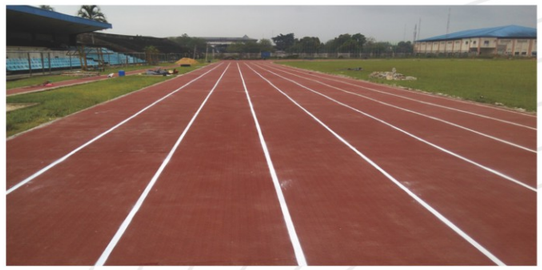
体育中心案例
STADIUM PROJECT



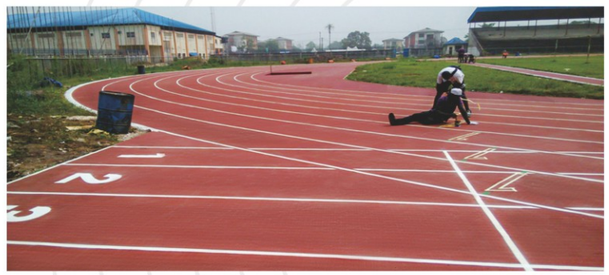




尼日利亚阿萨巴体育馆
Nigeria ASABA Stadium









尼日利亚非洲青年运动会场馆
Nigeria Africa Youth Sport Stadium





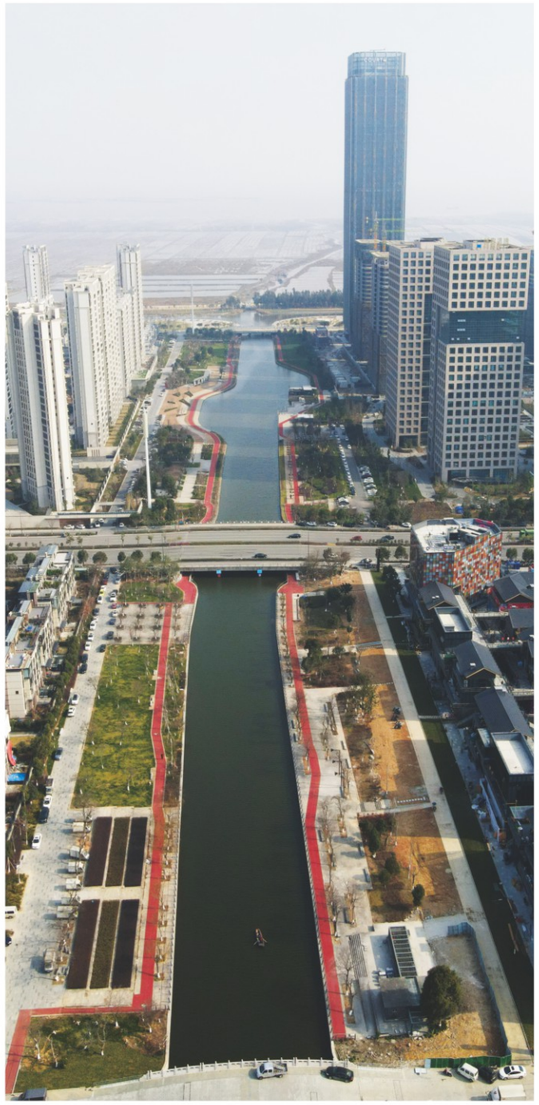


华东控股集团温州康体设备有限公司在尼日利亚已成功铺装超过5个体育训练场地。

Huadong track has constructed more than 5 sport courts in Nigeria Country

肯尼亚内罗毕马查科斯郡体育中心
The Sports Center of Machakos Country Nairobi Kenya

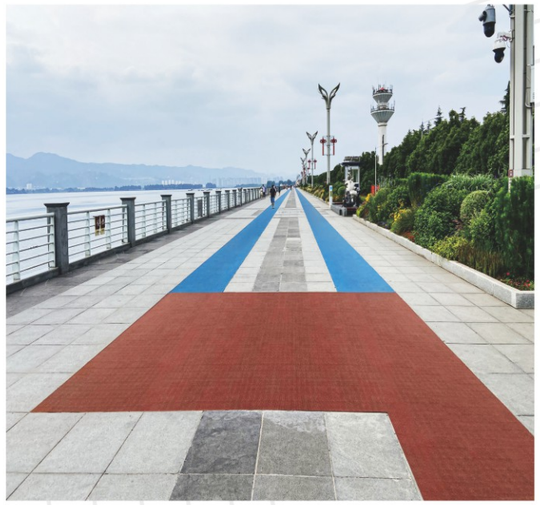
步道类案例
WALKING PATH PROJECT



浙江乐清半马风情跑道（中央绿轴）
Zhejiang Yueqing Half-Marathon Running Track (Up to 22km)



浙江乐清半马风情跑道（清和公园）
Zhejiang Yueqing Half-Marathon Running Track (Qinghe Park)



云南滇池海埂大坝步道
Yunnan Dianchi Haigeng Dam Footpath



温州市省级绿道4号线步道
Wenzhou Provincial Greenway Line 4 Footpath



龙泉留槎洲公园步道
Longquan Liuchazhou Park Footpath



北白象白鹭屿绿道
North Baixiang Bailu Lantau Greenway

技术参数
TECHNICAL DATA

检测项目 Test Items		单位 Unit	检测依据 Test Standard	标准值 Requirements	检测结果 Tese Result
拉伸强度 Tensile Strength		Mpa	World Athletics	≥0.5	≥3
拉断伸长率 Elongation At Break		%	World Athletics	≥40	≥300
冲击吸收 Force Reduction		%	World Athletics	35-50	45
垂直变形 Vertical Deformation		mm	World Athletics	0.6-2.5	1.6
抗滑值 Frection(Wet)		–	World Athletics	≥47BPN20℃	≥47BPN20℃
色变（UV老化） Color Change (UV Aging)		–	EN 14836-2018	≥3	4-5
重金属 Heavy Metal	可溶性铅 Soluble Lead	mg/kg	GB 36246-2018	≤50	ND
	可溶性镉 Soluble Cadmium	mg/kg	GB 36246-2018	≤10	ND
	可溶性铬 Soluble Chromium	mg/kg	GB 36246-2018	≤10	ND
	可溶性汞 Soluble Mercury	mg/kg	GB 36246-2018	≤2	ND
苯 Benzene		mg/kg	GB 36246-2018	≤0.1	ND
总挥发性有机化合物 TVOC		mg/kg	GB 36246-2018	≤5.0	2
气味等级 Odor Level		Level	GB 36246-2018	≤3	2

· 华东预制型橡胶跑道（及其他运动地材）严格参照国家标准中的环保要求，其VOC和重金属等各项化学物质含量通过最严标准测试。

· Huadong Track strictly follow the environmental protection requirements of international standards, and its chemical substances such as VOC and heavy metals pass the strictest standards.

地基基础
BASE

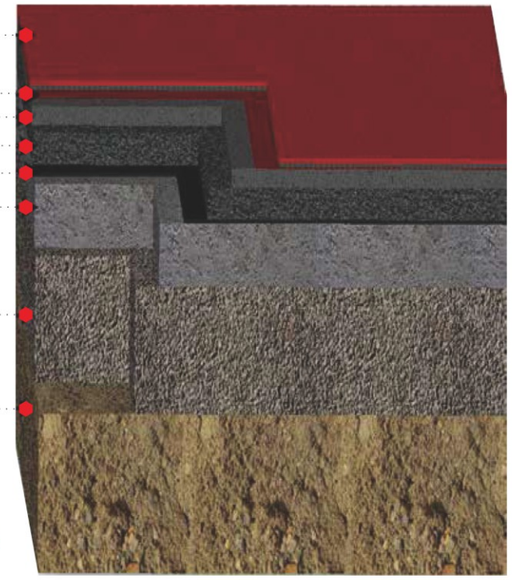
13mm橡胶跑道 13mm Rubber Track

胶水层 Glue Layer
3cm细沥青层 3cm Fine asphalt layer
5cm粗沥青层 5cm Coarse asphalt layer
沥青油粘结层 Asphalt oil bonding layer

10cm厚6%石粉水泥稳定层
10cm 6% Stone powder cement stable layer

20cm厚碎石层或素石粉层
20cm Gravel layer or Plain stone layer

原土夯实
Original soil



因各地地质条件不同，建议与当地高速公路地基建设要求相似。
Because of the different geological conditions, it is suggested that refer to the local highway construction.

温度 TEMPERATURE

室内室外均当天最低温度低于5℃的气温禁止施工。

室外施工：地表温度不超过50℃。

Installation is prohibited when the minimum temperature of the day either indoor or outdoor is lower than 5℃.

Outdoor Installation: the surface temperature shall not exceed 50℃

湿度 HUMIDITY

室内空气相对湿度不大于80%；室外空气相对度不大于85%。

The relative humidity of indoor air is less than 80%; the relative humidity of outdoor air is less than 85%.

基础平整度 BASE LEVELING

平整度：3m直尺误差不大于3mm；排水坡度：横向不大于4%，纵向不大于2%，必须保证泄水。

Leveling : The pit messured by a 3-meter ruler is not greater than 3mm; Drainage slope: The horizontal direction is not greater than 4%, and the vertical direction is not greater than 2%. Water drainage must be guaranteed.

天气 INSTALLATION WEATHER

室内施工注意空气流动，必要时须增加通风设备；室外施工应避免 在高温烈日、雨及大风天气下进行。

Attention to air flow in indoor installation, and increase ventilation equipment if necessary; outdoor installation should avoid hot weather, scorching sun, rain or strong wind.

基础强度 BASE STRENGTH

基层强度达建筑混凝土标准C25强度，普通水泥新混凝土基层需在施工21天后进行施工，硫铝酸盐水泥施工的新混凝土基层应在完工后7天方可 进行施工。

The strength of the base layer reaches the strength of building concrete standard C25. The new-made concrete base layer of ordinary cement should be installed after 21 days of curing and the new concrete base layer of sulfoaluminate cement should be installed after 7 days after completion.

huadongTRACK
华东跑道

环保橡胶跑道和聚氨酯塑胶跑道对比
COMPARISON

	预制型橡胶跑道 Prefaricated Rubber Running Track	聚氨酯塑胶跑道 Polyurethane Track
生产原料 Raw material	橡胶跑道主要原料为天然橡胶和合成橡胶，属于环保无害产品。 The main raw material for rubber running track is natural rubber and synthetic rubber, which belongs to the enviromental friendly products.	聚氨酯跑道的主要原料为TDI、MDI、聚醚等。其中TDI和MDI对人体有害。 The main raw material for polyurethane track is TDI,MDI,Polyether etc. TDI and MDI are harmful to human body.
气味挥发 Smell	无气味，无可挥发性有机物。 No smell, no volatile organic compounds.	施工时有刺鼻气味，完工后依然有TDI及有机溶剂挥发。 During installing ,it will be with the pungent odor, after installed, still have strong TVOC.
使用性能 Performance	全天候使用，不脱粒，耐磨，耐老化 All weather use, no granules, wear resistance, aging resistance.	在使用时面层容易出现脱落、断粒、磨损等现象。 Easy to fall off, broken granules, worn.
使用年限 Durability	正常使用年限为10年以上。 More than 10 years longevity.	正常使用3年后，磨损严重，特别是起跑段和第一条道。 After 3 years using , worn heavily,especially the starter and the first lane.
回收利用 Recyled	可回收利用，减少对环境的危害以及资源的浪费。 Can be recycled,ease the harm to the enviroment	铲掉的废跑道材料无法进行回收再利用。 Can not be recycled.



施工工艺
INSTALLATION



在保证基础平整、纵横斜度符合体育场排水要求标准后画场地基础预辅线。
Draw basic line of Field



在当日计划铺设的跑道线内，以每卷为长度单位摆放好所需的卷材。
Place the required rubber roll



在空置的场地上搅拌好1小时内所需的胶水。
Stir the glue which will be used within 1 hour



用直径大约100, 长1.3m的圆柱实心滚筒在铺设好的卷材上滚压，排出空气，让面层、胶水、地基更好的粘接。
Evening with the roller, let air out and glued be firemd .



用专用车把卷材运至刮好胶水的基础上平整按线纵向铺开。
Lay the rubber rolls



用专用拉车把搅拌好的胶水运至所需的场地，用齿刮刀在线内均匀刮开2-3米。
Pave the glue



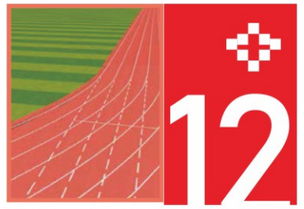
纵横接隙处用气枪钉固定再用砖压实，等胶水凝固后再把枪钉拔出，清除干净。
Fixed by air gun nail s (after finished, will be removed.



在刚铺设压密好的卷材两侧压上已准备好的水泥重砖块。
Bricks should be put on the side of two rolls to weight.



弯道处的铺设与直道大同小异，按弧线铺设是靠卷材的弯曲成型，所以必须谨慎，胶水相应加厚，固定比直道密集，压块加重。
The installation of curved is similar with straight track,so more glue and weight .



延长跑道直线，标上跑道编号及所需要的线段标志。
Finished.



在已铺好的跑道上用钛白粉按图纸描上细线，再用划线机盖上5cm的白线。
Line Marking.



卷材从内到外铺设，从大门口辅助区退出，清理好场地，再次检查全场是否都已平整粘牢，用水冲洗干净晾干。
Clean the field, and check the whole court.

华东服务
OUR SERVICE

华东控股集团温州康体设备有限公司本着“专业、规范、高技、求精“的经营理念和”客户满意，力求完美“的服务理念，就预制型合成橡胶跑道卷材产品的售后服务给予承诺

Huadong Holdings Group Wenzhou Sports Equipment Co Ltd is based on the business philosophy of "professional, standardized, high-tech, and refined" and the service concept of "customer satisfaction, and strive for perfection", and gives after-sales service for prefabricated synthetic rubber runway coil products. committed to.

- 随时回答客户提出的与体育场地建设有关的任何问题。
- 了解施工场地的基础和配套设施等情况， 为客户提出初步的施工方案。
- 建立完善的客户和项目信息档案，开通专线服务电话，随时解决客户或者建设单位遇到的问题，并定期跟进回访。
- 提供相关规格样品。
- 专职销售人员和技术工程师全程跟踪、督促生产、把握进程，及时沟通解决各种问题。

- Supply WA certificated or other certificates according to customer's requirments.
- Propose Free sample as per required.
- Sales & Technician will follow and mointor the whole project acordingly.
- Welcome for Any enquiry about Sports Construction.
- Study Construction court and foundation,propose blue print.
- Supply two component adhesive
- Oversea installation



华东承诺
GUARANTEE

华东控股集团温州康体设备有限公司生产的预制型橡胶卷材使用寿命为10-20年（根据产品型号、产品使用环境、各地的气候状况，包括紫外线照射强度、气候状况、全年温差、降雨量、控制污染状况等）。

质保期为 5 年，在质保期内如果由于我司提供的预制型橡胶卷材本身质量问题而造成的损坏，本公司负责免费更换新的橡胶卷材。质保期外的损坏，本公司负责新的替换橡胶卷材，但需收取产品的成本费和运费。

The duration of Huadongtrack is about 10-20 years. The using life is according to product's type,using environment, climate condition including ultraviolet radiation exposure intensity, temperature difference, rainfull, pollution conditions and others.
We warranty Huadongtrack 5 years. During the period covered, our company will repair/replace any defectivetrack material with the same or substantially similar product only for the quality problem of Huadongtrack.



成长之路
DEVELOPMENT JOURNEY

“华东控股集团温州康体设备有限公司从成立初期至今已走过数个年头，依托母公司的孵化，沉淀了三十年的不凡，我们的宗旨，“创造卓越，与您共赢”，产品卓越与客户共赢贯穿着我们成长之路，也感谢一路来所有客户对我们的支持，我们会永记初心，一路向前”

——董事长寄语

"Huadong Holding Group Wenzhou Sports Equipment Co., Ltd. has gone through several years since its inception, relying on the incubation of the parent company, which has precipitated the extraordinary for 30 years. Our aim is to "create excellence and win with you". Excellence and customer win-win throughout the road to growth, and thanks to all the customers to support us all the way, we will always remember the heart, all the way forward”

-- President Says

huadongTRACK
华东跑道