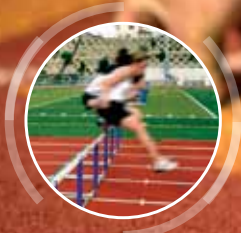


ATHLETICS SURFACES



CHARLES LAWRENCE
SURFACES



Charles Lawrence Surfaces Ltd has over 30 years experience of designing, constructing, adapting and renovating polymeric athletics tracks. The company currently offers a full range of surfaces, both laid in situ and prefabricated, to suit the different performance requirements and budgets of schools, clubs, local authorities and major competition venues. All conform to the requirements of the world governing body, the IAAF (International Association of Athletics Federations), for use in international competition.

Many existing tracks are now at the stage where they require attention in order to maintain their certification. This may take the form of surface replacement or repair, alterations to layout, updating of facilities or simply specialist cleaning and re-lining. We at Charles Lawrence Surfaces are able to offer free friendly advice from our experienced staff on all of these options. Simply call 01636 615866 to arrange a site visit, or alternatively email sales@charleslawrencesurfaces.co.uk.



FEATURES & BENEFITS

Surfaces to IAAF standards for competition, training or combined requirements.

Polymeric materials can be retextured, repaired or totally renewed.

Engineered base using civil engineering 'best practice' provides stability and long life.

Layouts individually designed for local conditions and constraints.

Low maintenance requirements reduce operating costs.



Charles Lawrence Surfaces, with our own in house civil engineering and surfacing capabilities are in a position to undertake complete new external and internal track building contracts including all associated groundwork packages, hard and soft landscaping works. In addition to installing the track and the field events, we can supply and install fencing, floodlighting, track equipment, spectator and athlete's facilities. We also build individually designed athletics training facilities, for example for football and rugby clubs and for smaller sites where there is not enough room for full-scale track.



TYPES OF SURFACING SYSTEMS



Porous systems

Porous polymeric surfaces offer characteristics that minimise the risks of injury, making it ideal for training tracks and for school and club application while still being suitable for international competition. The base layer, laid in situ, is a porous matrix of black rubber granules bound with polyurethane binders. A spray-applied structural coat of pigmented polyurethane and coloured EPDM rubber granules produces a textured top surface. The system, being totally porous, is very suited to our wet climate and requires less drainage infrastructure. This is the most cost effective surface and the majority of U.K. tracks utilise this system.

Pon-porous systems

These fall into three broad categories all of which require a positive drainage system.

Solid polyurethane tracks are an impervious resilient surface whose relatively hard consistency gives the fast times preferred for top competitions. The dense layer of cast elastomer is formed from many flood coats of pigmented polyurethane containing rubber granules. These are all applied in situ and form a bound, textured surface giving the correct traction and slip resistance. The solid material produces an immensely durable track.

Sandwich systems utilise a similar black polyurethane bound rubber base mat as the porous system but has a final layer of pigmented polyurethane and coloured EPDM granules similar to a solid polyurethane system, hence the name. The top surface is effectively sealed producing a non-porous system which is deemed to fall in-between full solid systems and porous systems in terms of both cost and performance.

Prefabricated track systems are factory produced giving their performance characteristics an extremely high level of consistency. Material is normally supplied in rolls one lane wide and adhered to the carefully prepared macadam base. This type of track has been found at the highest levels of athletics but is also suitable for many club applications. This system has also found favour with disabled athletes.